Environment Canada | Environnement Canada

Surface Water Data

Ontario

Données sur les eaux de surface

1981

Metric Commission Canada has granted use of the National Symbol for Metric Conversion. The metric usage in this text has been reviewed by the Metric Screening Office of the Canadian General Standards Board.

La Commission du système métrique Canada a autorisé l'utilisation du symbole national de conversion au système métrique. Le Service du contrôle métrique de l'Office des normes générales du Canada a revisé l'utilisation du système métrique dans cette publication.

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1982

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
OTTAWA, CANADA, 1982

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PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Regional Chiefs of the Water Resources Branch at Guelph, Ontario and Winnipeg, Manitoba.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision des Chefs régionaux de la Direction des ressources en eau, à Guelph (Ontario) et Winnipeg (Manitoba).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents for the 1981 calendar year, the results of the hydrometric survey investigations which were made in Ontario, by the Water Survey of Canada.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to:

Regional Chief,
Water Resources Branch,
Department of the Environment,
Federal Building,
75 Farquhar Street,
Guelph, Ontario.
N1H 3N4

Regional Chief,
Water Resources Branch,
Department of the Environment,
521 Federal Building,
269 Main Street,
Winnipeg, Manitoba.
R3C 1B2

or to the Director, Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0E7.

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

During 1981, the hydrometric surveys in Ontario were conducted by the Water Survey of Canada under agreement with the Province of Ontario. The provincial authorities contributed to the cost of the basic field investigations which were carried out in accordance with mutually agreed-upon plans.

In Ontario, hydrometric survey operations during the years 1912 to 1919 were carried out by the Hydro-Electric Power Commission of Ontario and the results were published in the annual reports of the Commission. Commencing October 1, 1919, under the terms of a co-operative arrangement with the Commission, the Dominion Water and Power Bureau assumed the responsibility for the hydrometric and fundamental water resources investigations in the province. Although this arrangement was terminated on March 31, 1933 work was continued by the federal government under letter arrangement with the Province of Ontario and the Hydro-Electric Power Commission until 1975. A co-operative agreement, (with an implementation date of April 1, 1975), was signed with the Government of Ontario on June 12, 1975. The agreement

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INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente, pour l'année civile 1981, les résultats des relevés hydrométriques que la Division des relevés hydrologiques du Canada a effectués en Ontario.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des données récentes non encore publiées:

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
Édifice fédéral
75, rue Farquhar
Guelph (Ontario)
N1H 3N4

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
521 Édifice fédéral
269, rue Main
Winnipeg (Manitoba)
R3C 1B2

ou au Directeur, Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0E7.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

En 1981, la Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques en Ontario en vertu de l'accord conclu avec les autorités provinciales, qui ont contribué au coût des recherches de base réalisées sur le terrain, après entente mutuelle sur leur programme.

En Ontario, la Commission d'énergie hydro-électrique de l'Ontario a effectué entre 1912 et 1919 des relevés hydrométriques, et on a publié dans les rapports annuels de cette Commission les résultats ainsi recueillis. En vertu d'une entente de coopération conclue avec cette dernière, le Bureau fédéral de l'eau et de l'énergie a assumé, à compter du 1er octobre 1919, la responsabilité de la conduite, en Ontario, de recherches hydrométriques et de recherches fondamentales sur les ressources en eau. L'entente a pris fin le 31 mars 1933, mais en vertu d'une lettre d'entente avec la province de l'Ontario et la Commission d'énergie hydro-électrique de l'Ontario, le gouvernement fédéral a continué d'exécuter les observations hydrométriques jusqu'en 1975. Le 12 juin 1975, le gouvernement de l'Ontario a signé un nouvel accord, qui est entré en

provides that water quantity surveys will be continued by the federal government on a shared cost basis and in close co-operation with Ontario Hydro, Ontario Ministry of Natural Resources and the Ontario Ministry of the Environment.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

This publication includes, for the first time, the annual water level data for the Tides and Water Level Network in Ontario on the Great Lakes and the St. Lawrence River. These data are prepared by the Marine Environmental Data Services Branch of the Department of Fisheries and Oceans. The data prior to 1981 were compiled and published by the Marine Environmental Data Services Branch in an annual publication series entitled "Water Levels: Daily Means," which will continue for the stations downstream on the St. Lawrence and on the marine coasts.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Federal – Department of Fisheries and Oceans;
International Lake Superior Board of Control;
International Lake of the Woods Control Board;
International Niagara Board of Control;
International Rainy Lake Board of Control;
International St. Lawrence River Board of Control;
Ministry of Transport (Canada).

Provincial – Ontario Hydro;
Ontario Ministry of Natural Resources;
Ontario Ministry of the Environment.

Private – Abitibi-Price Inc.;
Great Lakes Power Company Limited;
Algoma Steel Corporation Limited;
Eddy Forest Products Limited;
International Nickel Company of Canada Limited;
Reed Paper Company;
Spruce Falls Power and Paper Company;
Ontario Minnesota Pulp and Paper Company Ltd.

vigueur le 1er avril 1975, renfermant des dispositions grâce auxquelles le gouvernement fédéral s'occupera du programme de relevés hydrométriques, en étroite collaboration avec l'Hydro-Ontario et les ministères des Ressources naturelles et de l'Environnement de l'Ontario, et partagera le coût des mesures avec la province.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

Pour la première fois, la présente publication renferme les données sur les niveaux d'eau annuels enregistrées au réseau de mesure des marées et des niveaux d'eau des Grands lacs et du fleuve Saint-Laurent en Ontario. La Direction des services des données sur le milieu marin du ministère des Pêches et Océans s'occupe de la préparation de ces données. Avant 1981, cette Direction a compilé et publié ces données dans le cadre d'une série annuelle de publications, intitulée : «Niveaux d'eau : Moyennes journalières», série qui continuera pour les stations situées en aval sur le Saint-Laurent et sur les côtes maritimes.

La Division des relevés hydrologiques du Canada est redevable aux organismes suivants de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques:

Niveau fédéral – Ministère des Pêches et Océans
Comité international de contrôle du lac Supérieur,
Comité international de contrôle du lac des Bois,
Comité international de contrôle de Niagara,
Comité international de contrôle du lac Rainy,
Comité international de contrôle du fleuve Saint-Laurent,
Ministère des Transports (Canada).

Niveau provincial – Hydro-Ontario,
Ministère des Ressources naturelles de l'Ontario,
Ministère de l'Environnement de l'Ontario.

Secteur privé – *Abitibi-Price Inc.,*
Great Lakes Power Company Limited,
Algoma Steel Corporation Limited,
Eddy Forest Products Limited,
International Nickel Company of Canada Limited,
Reed Paper Company,
Spruce Falls Power and Paper Company,
Ontario Minnesota Pulp and Paper Company Limited.

CONVERSION FACTORS

The following list of convenient equivalents of measure gives the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 5280 feet
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 640 acres

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 0.160 54 cubic foot
1 imperial gallon equals 4.546 09 L (litres)
1 U.S. gallon equals 0.133 68 cubic foot
1 imperial gallon equals 1.2010 U.S. gallons

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit – 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

FACTEURS DE CONVERSION

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre vaut 5280 pieds
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre équivaut à 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré vaut 640 acres

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial équivaut à 0.160 54 pied cube
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon américain équivaut à 0.133 68 pied cube
1 gallon impérial équivaut à 1.2010 gallon américain

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit – 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m^3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Conversion Factors".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 270 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Facteurs de conversion».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 270 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI) and future editions will be published every five years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record to 1976 for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI) and future editions will be published every five years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

During the years 1948–1960, some sediment data were collected for several prairie rivers to meet the demands of particular projects and the results included in the 1961 publication. All subsequent editions titled *Sediment Data Canadian Rivers* were published annually, the same as for the Surface Water Data publications but in one volume. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI) and will continue to be published on an annual basis.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les cinq ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement allant jusqu'en 1976, pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les cinq ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

De 1948 à 1960, certaines données sur les sédiments étaient recueillies de divers cours d'eau des Prairies afin de répondre aux besoins de projets particuliers et les résultats paraissaient dans l'édition de 1961. Toutes les éditions subséquentes intitulées *Données sur les sédiments de rivières canadiennes* étaient publiées annuellement, comme c'est le cas pour les données sur les eaux de surface, mais dans un seul tome. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et la publication va paraître chaque année.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations where sediment data in Canada were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

The first edition of a new biennial publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI) and future editions will be published every five years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

METHOD OF TABULATION OF SURFACE WATER DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1. *The table of daily water level* or *discharge* gives the daily water level in metres or the daily discharge in cubic metres per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B – Ice Conditions – indicates the presence of ice at the gauging station. For gauging stations where discharge data are obtained, this symbol indicates that the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

La première édition de l'*Index de référence des données sur les sédiments* renfermait les données disponibles jusqu'en 1972. Elle comprenait une mise en tableaux des emplacements où des données sur les sédiments sont recueillies au Canada par la Division des relevés hydrologiques. L'Index est subdivisé alphabétiquement par province ou territoire et les stations de relevés des sédiments sont classées en ordre alphabétique. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et sont publiées tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une nouvelle série de publications paraissant tous les deux ans et intitulée *Sommaire chronologique des données sur les sédiments de rivières canadiennes* renfermait les données disponibles jusqu'en 1974. Cette série présente un résumé des moyennes mensuelles et annuelles de la charge de sédiments en suspension, des extrêmes annuels de la concentration quotidienne et de la charge quotidienne des sédiments en suspension, ainsi que de la charge totale annuelle des sédiments en suspension. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les cinq ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

PRÉSENTATION SOUS FORME DE TABLEAUX DES DONNÉES SUR LES EAUX DE SURFACE

Pour les stations de jaugeage où on a effectué, au cours de l'année étudiée, un relevé systématique du débit ou du niveau, les données suivantes sont présentées, pour autant qu'elles soient disponibles:

1. un tableau du niveau ou du débit quotidien;
2. un extrait des données mensuelles et annuelles;
3. des renseignements descriptifs.

1. *Le tableau du niveau* ou *du débit quotidien* donne la hauteur des eaux, en mètres ou le débit, en mètres cubes par seconde, mesuré à la station de jaugeage.

Les symboles normalisés donnés ci-après sont inscrits à côté des valeurs auxquelles ils se rapportent:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne pour la journée en question. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique la présence de glaces à la station de jaugeage, qui ont faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, both a monthly and annual summary are given.

The monthly summary gives:
(a) the mean water level in metres for complete months;
(b) the maximum and minimum daily water level in metres.

The summary for the year gives:
(a) the mean water level in metres for complete years;
(b) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
(c) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given.

The monthly summary gives:
(a) the total of the daily discharge values for complete months;
(b) the mean discharge in cubic metres per second;
(c) the total discharge in cubic decametres;
(d) the maximum and minimum daily discharges in cubic metres per second.

The summary for the year or period gives:
(a) the mean discharge in cubic metres per second;
(b) the total discharge in cubic decametres;
(c) the maximum and minimum daily discharges and their dates of first occurrence;
(d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

International Gauging Stations – on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

Type of Gauge – refers to the installation or method used to obtain water level or discharge data:

(a) Manual – a non-recording type of gauge from which observations of stage normally are obtained once daily.
(b) Recording – a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
(c) Power Plant Rating – this indicates that records were obtained using the latest available rating of the Power Plant.

2. *Un extrait des données mensuelles et annuelles* est donné au-dessous du tableau des données quotidiennes.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le niveau.

L'extrait mensuel donne:
(a) le niveau moyen en mètres pour le mois entier, et
(b) les niveaux quotidiens maximal et minimal en mètres.

L'extrait annuel donne:
(a) le niveau moyen en mètres pour l'année entière;
(b) les niveaux quotidiens maximal et minimal ainsi que les dates de leur première observation, s'il y a lieu, et
(c) le niveau maximal instantané et l'heure de l'observation, s'il y a lieu.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le débit.

L'extrait mensuel donne:
(a) le total des valeurs quotidiennes du débit, pour le mois entier;
(b) le débit moyen en mètres cubes par seconde;
(c) le débit total en décamètres cubes, et
(d) les débits quotidiens maximal et minimal en mètres cubes par seconde.

L'extrait annuel ou périodique donne:
(a) le débit moyen en mètres cubes par seconde;
(b) le débit total en décamètres cubes;
(c) les débits quotidiens maximal et minimal ainsi que les dates de première observation, s'il y a lieu, et
(d) le débit maximal instantané et l'heure de l'observation, s'il y a lieu.

3. *Les renseignements descriptifs* sur les stations de jaugeage sont également présentés sous le tableau des données quotidiennes et apportent les précisions qui suivent, s'il y a lieu:

Stations internationales de jaugeage (International Gauging Stations) – Dans les eaux contiguës aux frontières, on a désigné certaines stations comme «internationales», et les données prélevées sont approuvées par les pays concernés. Les différences entre les chiffres publiés dans la présente publication et les *United States Water Supply Papers* proviennent de variantes dans les techniques de traitement automatique des données.

Type de jauge (Type of Gauge) – Il s'agit des jauges ou des méthodes de jaugeage utilisées pour obtenir les données sur le niveau et le débit d'un cours d'eau:

(a) Manuelle (Manual) – indique qu'un appareil non enregistreur sert à obtenir une fois par jour les données sur le niveau et le débit d'un cours d'eau.
(b) Enregistreuse (Recording) – indique qu'un limnigraphe permet de mesurer de façon continue le niveau des eaux tracé sur une carte analogique. La plupart des stations internationales de jaugeage des États-Unis obtiennent les données sur le niveau des eaux à l'aide d'un enregistreur numérique.
(c) Régime des stations hydrauliques (Power Plant Rating) – indique qu'on a obtenu les données grâce aux valeurs les plus récentes des régimes mesurés dans les stations hydrauliques.

Location – the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located in appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

Drainage Area – this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

Contributed Data – if data were supplied in their entirety by an outside agency, the name of the co-operating agency is given.

Natural Flow or *Regulated* – where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

Gauge Datum – for stations where only water level data are available, the name of the datum, to which water levels are referred, is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate Regional Chief.

Remarks – unusual conditions which occur at a station are explained.

Emplacement (Location) – La latitude et la longitude de la station de jaugeage sont indiquées. Dans les cas où l'équipement de mesure est situé à un endroit éloigné de la section où le jaugeage est effectué, on indique les coordonnées de cette section.

Superficie du bassin versant (Drainage Area) – Il s'agit de la superficie du bassin versant déterminée d'après les cartes les plus récentes et désigne la zone délimitée par une ligne de partage des eaux de sorte que l'écoulement d'averse est entraîné par gravité vers le cours d'eau en amont de la station. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

Données fournies (Contributed Data) – Nom de l'organisme extérieur qui a fourni les données.

Débit naturel ou *régularisé* (Natural Flow or Regulated) – Un débit reconnu comme naturel est indiqué comme tel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependent, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue).

Plan de référence des jauges (Gauge Datum) – Pour les stations dans lesquelles on ne mesure que le niveau de l'eau, on indique le plan de référence de la jauge en question et l'équation permettant, au besoin, de convertir ce plan en un autre plan. En s'adressant au chef régional concerné, on peut obtenir des renseignements plus précis au sujet des niveaux de référence auxquels correspondent les niveaux mesurés.

Remarques (Remarks) – Les conditions inhabituelles qui prévalent à une station sont expliquées.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon (1) the stability of the stage-discharge relationship; or if the control is unstable, the frequency of discharge measurements, and (2) the accuracy of observations of stage, measurements of discharge and interpretation of records. Because of all the variable factors mentioned above, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data.

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, B and E.

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

METRIC CONVERSION

In January 1980, all discharge, water level and sediment data on magnetic tape in the Water Survey of Canada data banks were converted to the International System of Units (SI). All requests for data and publications are now supplied in metric units only. The first documents to be published under the system were the Surface Water Data Reference Index (1979), Surface Water Data Series (1979), Historical Streamflow and Water Levels Summaries (to 1979), Sediment Data for Canadian Rivers (1978), Sediment Data Reference Index (1978), and Historical Sediment Data Summary (to 1978).

Daily discharge and water level data for years prior to 1979 and daily sediment data prior to 1978 in metric units are available on magnetic tape, but not in published form.

MICROFICHE

The historical daily discharge, water level and sediment data which were converted to metric units in January 1980 are also available to users on microfiche cards, upon request. The data are stored in station number order by Region in 1980 (Vancouver, Calgary, Regina, Winnipeg, Guelph, Montreal and Halifax) and therefore data for a particular province may include fiche from two or more Regions. There are 270 frames or printouts per microfiche at 48X reduction; there is also a visible heading showing the fiche number, type of data, Region, the beginning and ending station number and year of data and the month/year that the fiche was created; the last frame is an index of the contents of that fiche.

Daily discharge and water level data for 1979 and subsequent years, and daily sediment data for 1978 and subsequent years are available annually on microfiche.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur (1) la stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence des mesures de débits, et (2) sur la précision des observations sur les niveaux, des mesures de débits et de l'interprétation des relevés. À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données.

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, B et E.

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

CONVERSION AU SYSTÈME MÉTRIQUE

En janvier 1980, toutes les données de l'écoulement, des niveaux d'eau et des sédiments stockées sur ruban magnétique dans les banques de données de la Division des relevés hydrologiques du Canada ont été converties au Système international d'unités (SI). Toutes les demandes de données et de publications sont maintenant remplies selon les unités métriques seulement. Les premiers documents à être publiés selon le système métrique ont été l'*Index de référence des données sur les eaux de surface (1979)*, la série des *Données sur les eaux de surface (1979)*, les *Sommaires chronologiques de l'écoulement et des niveaux d'eau (jusqu'à 1979)*, les *Données sur les sédiments des rivières canadiennes (1978)*, l'*Index de référence des données sur les sédiments (1978)* et le *Sommaire chronologique des données sur les sédiments (jusqu'à 1978)*.

Les données du débit quotidien et des niveaux d'eau pour les années antérieures à 1979 et les données quotidiennes des sédiments avant 1978 en unités métriques sont disponibles sur ruban magnétique, mais ne sont pas publiées.

MICROFICHE

En janvier 1980, les données chronologiques concernant les débits quotidiens, les niveaux d'eau et les sédiments ont été converties en unités métriques. Elles sont également disponibles sur microfiche aux usagers qui en font la demande. Ces données sont emmagasinées par ordre de numéro de station et par région en 1980 (Vancouver, Calgary, Regina, Winnipeg, Guelph, Montréal ou Halifax). Les données relatives à une province en particulier peuvent donc inclure des fiches en provenance de deux régions ou plus. Chaque microfiche renferme 270 pages réduites de 48X. L'en-tête indique le numéro de la fiche, le genre de données, la région, le numéro de la première et de la dernière station, celui de la première et de la dernière année de cueillette, et le mois et l'année de préparation de la fiche. La dernière image donne l'index du contenu de la fiche.

Les données sur les débits quotidiens et les niveaux d'eau recueillies à partir de 1979 ainsi que les données quotidiennes sur les sédiments dès 1978 sont disponibles sur microfiche chaque année.

SURFACE WATER DATA/DONNÉES SUR LES EAUX DE SURFACE

ABITIBI RIVER AT ABITIBI CANYON - STATION NO. 04ME002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	168	191	298	381	570	304	157	186	156	127	167	169	1
2	161	224	297	599	486	276	168	197	162	87.8	180	177	2
3	176	240	248	768	435	280	239	186	187	107	187	170	3
4	176	249	264	760	444	295	259	172	247	64.0	166	164	4
5	238	215	251	786	759	310	244	179	150	104	169	152	5
6	268	216	284	651	1 020	343	195	185	165	135	199	142	6
7	200	246	291	649	892	300	217	168	78.7	136	253	146	7
8	220	228	316	624	762	311	204	175	74.2	202	246	152	8
9	238	238	326	589	683	308	193	171	140	226	218	153	9
10	228	201	325	681	633	340	225	142	180	240	186	155	10
11	236	200	316	720	533	351	230	133	145	216	202	190	11
12	249	195	324	743	464	331	182	160	164	183	210	159	12
13	252	246	321	696	541	329	227	174	192	184	192	128	13
14	228	230	249	673	723	325	165	173	189	169	181	163	14
15	278	246	256	801	653	333	220	171	195	177	183	176	15
16	269	214	278	845	787	326	248	143	154	164	184	161	16
17	231	255	224	574	831	334	190	181	166	172	191	104	17
18	253	245	243	699	730	387	200	141	161	164	179	162	18
19	253	250	238	720	561	346	203	139	144	195	182	171	19
20	232	282	252	529	437	343	195	169	148	206	161	174	20
21	221	261	213	460	436	298	203	170	151	204	171	173	21
22	223	251	295	445	434	302	197	120	140	220	174	190	22
23	233	288	249	430	421	276	208	153	150	202	189	188	23
24	203	318	246	436	337	267	207	159	155	210	161	72.5	24
25	227	310	263	437	396	229	204	173	156	193	154	92.3	25
26	221	332	267	432	389	249	220	163	136	204	166	156	26
27	213	324	273	529	406	213	216	162	123	226	185	161	27
28	223	306	266	595	393	181	234	155	154	158	168	171	28
29	183		292	633	412	257	231	142	136	225	140	167	29
30	212		309	590	389	237	205	118	175	151	149	146	30
31	203		331		368		233	160		178		138	31
TOTAL	6 916	7 001	8 605	18 475	17 325	8 981	6 519	5 020	4 673.9	5 429.8	5 493	4 822.8	TOTAL
MEAN	223	250	278	616	559	299	210	162	156	175	183	156	MEAN
MAX	278	332	331	845	1 020	387	259	197	247	240	253	190	MAX
MIN	161	191	213	381	337	181	157	118	74.2	64.0	140	72.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 272
MAXIMUM DAILY, 1 020 ON MAY 6
MINIMUM DAILY, 64.0 ON OCT 4

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 52 55 N
LONG 81 34 00 W
DRAINAGE AREA, 22 900 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	598 000	JUL	563 000
FEB	605 000	AUG	434 000
MAR	743 000	SEP	404 000
APR	1 600 000	OCT	469 000
MAY	1 500 000	NOV	475 000
JUN	776 000	DEC	417 000

TOTAL DISCHARGE, 8 580 000 dam³

ABITIBI RIVER AT IROQUOIS FALLS - STATION NO. 04MC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	157	168	155	311	152	202	172	131	155	107	117	132	1
2	173	168	175	419	124	170	115	158	152	110	117	137	2
3	186	168	144	395	139	190	157	156	131	108	124	106	3
4	193	144	151	470	127	184	155	151	136	103	114	103	4
5	175	153	168	500	223	188	154	159	147	99.3	122	117	5
6	186	142	205	396	241	182	164	167	134	104	116	93.3	6
7	181	150	217	397	214	167	150	170	123	117	110	124	7
8	196	154	217	410	206	190	186	162	98.7	116	115	130	8
9	176	159	217	392	254	180	172	180	117	126	115	145	9
10	185	165	214	394	185	188	183	193	118	106	130	129	10
11	176	164	213	407	171	194	184	186	128	94.7	119	134	11
12	180	159	210	326	199	161	178	183	140	101	115	118	12
13	184	169	206	315	269	176	182	181	139	103	114	121	13
14	157	175	209	365	247	180	190	162	133	120	122	116	14
15	185	172	201	301	409	177	182	165	144	116	117	133	15
16	164	179	208	294	533	157	200	167	135	115	123	127	16
17	161	174	205	317	466	179	184	162	139	115	112	126	17
18	146	160	197	312	320	170	192	152	143	115	132	123	18
19	168	190	201	221	210	187	190	153	134	118	116	113	19
20	164	167	211	160	198	172	183	150	138	104	117	122	20
21	172	173	228	191	202	158	171	155	137	108	124	121	21
22	154	174	224	204	186	167	166	149	113	112	115	119	22
23	166	191	223	202	162	174	199	154	133	108	123	136	23
24	152	202	225	192	193	158	213	164	132	114	115	160	24
25	122	197	221	183	196	192	205	149	153	108	110	113	25
26	158	198	208	203	231	170	204	150	130	107	119	108	26
27	171	181	218	218	216	156	200	161	133	108	119	103	27
28	167	172	230	216	214	187	188	157	138	117	118	118	28
29	159		230	192	208	172	184	164	143	117	117	130	29
30	153		257	179	205	173	184	169	128	124	126	122	30
31	147		256		202		204	159		117		116	31
TOTAL	5 214	4 768	6 444	9 082	7 102	5 301	5 591	5 019	4 024.7	3 438.0	3 553	3 795.3	TOTAL
MEAN	168	170	208	303	229	177	180	162	134	111	118	122	MEAN
MAX	196	202	257	500	533	202	213	193	155	126	132	160	MAX
MIN	122	142	144	160	124	156	115	131	98.7	94.7	110	93.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 174
MAXIMUM DAILY, 533 ON MAY 16
MINIMUM DAILY, 93.3 ON DEC 6

DATA CONTRIBUTED BY -
ABITIBI - PRICE INC.

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 45 44 N
LONG 80 40 07 W
DRAINAGE AREA, 13 300 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	450 000	JUL	483 000
FEB	412 000	AUG	434 000
MAR	557 000	SEP	348 000
APR	785 000	OCT	297 000
MAY	614 000	NOV	307 000
JUN	458 000	DEC	328 000

TOTAL DISCHARGE, 5 470 000 dam³

ABITIBI RIVER AT ONAKAWANA - STATION NO. 04HE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	205B	194B	317B	323B	815	450	218	226	206	189	232	207 B	1
2	149B	204B	286B	480B	751	412	266	208	202	192	253	200 B	2
3	189B	245B	314B	657B	664	435	316	212	207	119	231	220	3
4	222B	235B	257B	724B	653	378	346	218	283	157	230	225 B	4
5	137B	272B	285B	864B	923	435	290	235	287	158	254	228 B	5
6	232B	190B	259B	868B	1 450	430	319	242	200	175	262	195 B	6
7	289B	215B	282B	818B	1 410	417	263	206	205	186	297	197 B	7
8	225B	240B	308B	720B	1 210	464	266	166	98.1	246	344	181 B	8
9	214B	242B	309B	719B	1 150	476	269	199	196	309	291	250 B	9
10	268B	246B	342B	723B	1 000	458	258	222	230	282	266	142 B	10
11	255B	233B	320B	796	911	534	262	171	221	312	255	215 B	11
12	254B	223B	334B	724	807	533	208	173	212	285	240	230 B	12
13	239B	201B	330B	814	783	451	319	206	230	243	290	205 B	13
14	239B	229B	296B	850	1 010	485	259	203	271	233	255	170 B	14
15	255B	249B	271B	595	1 040	400	249	217	231	249	249	200 B	15
16	304B	242B	258B	581	1 050	515	263	189	229	271	263	225 B	16
17	340B	204B	281B	860	1 160	519	263	231	135	242	257	218 B	17
18	156B	268B	266B	730B	1 040	521	277	206	210	228	276	152 B	18
19	248B	259B	190B	831	893	534	210	169	187	286	258	195 B	19
20	310B	267B	245B	860B	733	526	220	179	208	277	259	188 B	20
21	255B	287B	267B	718B	674	439	257	202	237	294	226	204 B	21
22	206B	262B	225B	571B	671	428	232	199	228	304	199B	200 B	22
23	225B	258B	265B	573B	662	381	220	192	207	288	213B	240 B	23
24	222B	293B	269B	452B	578	352	254	157	178	293	232B	230 B	24
25	194B	337B	258B	464B	509	362	234	184	202	314	221B	94.0B	25
26	214B	292B	273B	500B	621	377	243	219	187	236	221B	110 B	26
27	236B	310B	296B	496B	556	287	270	193	161	271	198B	200 B	27
28	214B	355B	283B	606B	548	216	239	206	206	258	227	197 B	28
29	242B		290B	716B	503	358	277	204	211	219	265	199 B	29
30	177B		323B	831	581	344	255	146	217	255	169B	218 B	30
31	204B		277B		496		216	143		239		168 B	31
TOTAL	7 119	7 052	8 776	20 464	25 852	12 917	8 038	6 123	6 342.1	7 610	7 433	6 103.0	TOTAL
MEAN	230	252	283	682	834	431	259	198	211	245	248	197	MEAN
MAX	340	355	342	868	1 450	534	346	242	287	314	344	250	MAX
MIN	137	190	190	323	496	216	208	143	98.1	119	169	94.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 339
MAXIMUM DAILY, 1 450 ON MAY 6
MINIMUM DAILY, 94.0B ON DEC 25
MAXIMUM INSTANTANEOUS,
1 570 AT 20:04 EST ON MAY 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 36 00 N
LONG 81 25 00 W
DRAINAGE AREA, 27 500 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	615 000	JUL	694 000
FEB	609 000	AUG	529 000
MAR	758 000	SEP	548 000
APR	1 770 000	OCT	658 000
MAY	2 230 000	NOV	642 000
JUN	1 120 000	DEC	527 000

TOTAL DISCHARGE, 10 700 000 dam³

ABITIBI RIVER AT OTTER RAPIDS - STATION NO. 04HE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	144	199	280	474	782	420	167	185	176	123	200	170	1
2	183	239	308	652	658	356	243	198	174	74.8	191	192	2
3	216	229	251	718	597	373	399	144	198	102	188	196	3
4	131	266	280	858	583	323	254	230	286	96.6	199	199	4
5	227	184	254	862	942	408	278	182	174	122	204	167	5
6	283	210	276	812	1 390	389	221	225	168	118	255	170	6
7	219	234	302	714	1 240	411	238	121	34.5	157	282	155	7
8	208	236	303	714	1 070	434	259	195	149	223	282	221	8
9	262	240	336	718	977	383	213	167	160	266	248	121	9
10	249	227	315	775	907	417	255	164	205	268	222	189	10
11	248	217	329	816	802	477	217	121	153	242	213	202	11
12	233	195	325	861	728	433	185	174	136	199	260	173	12
13	233	224	290	801	766	411	278	180	250	196	240	145	13
14	249	243	266	819	1 010	408	232	176	209	183	204	174	14
15	298	236	252	922	934	351	260	160	216	215	212	196	15
16	334	199	275	884	1 040	451	241	170	137	208	230	186	16
17	150	262	260	724	1 120	451	252	170	189	182	232	132	17
18	242	253	184	802	993	452	233	117	151	187	232	170	18
19	305	262	239	855	814	464	180	135	143	240	219	161	19
20	249	281	262	712	656	452	216	165	165	217	193	180	20
21	200	257	219	565	603	386	205	179	177	235	171	174	21
22	220	252	259	567	602	388	203	162	170	260	189	213	22
23	216	288	263	446	597	349	194	114	113	256	207	204	23
24	189	331	252	458	428	323	242	136	180	270	189	79.6	24
25	209	286	267	494	517	343	197	178	157	183	194	93.2	25
26	231	305	290	490	543	329	216	190	150	215	171	174	26
27	208	349	278	600	498	269	226	162	153	245	211	171	27
28	237	311	284	710	478	181	250	199	175	149	221	173	28
29	171		317	827	477	327	271	115	169	246	144	189	29
30	199		271	836	511	306	233	96.0	146	191	182	145	30
31	189		317		454		199	158		199		200	31
TOTAL	6 932	7 015	8 604	21 486	23 717	11 465	7 257	5 068.0	5 063.5	6 068.4	6 385	5 314.8	TOTAL
MEAN	224	251	278	716	765	382	234	163	169	196	213	171	MEAN
MAX	334	349	336	922	1 390	477	399	230	286	270	282	221	MAX
MIN	131	184	184	446	428	181	167	96.0	34.5	74.8	144	79.6	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 313
MAXIMUM DAILY, 1 390 ON MAY 6
MINIMUM DAILY, 34.5 ON SEP 7

DATA CONTRIBUTED BY -
ONTARIO HYDRO

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 10 55 N
LONG 81 38 12 W
DRAINAGE AREA, 23 400 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	599 000	JUL	627 000
FEB	606 000	AUG	438 000
MAR	743 000	SEP	437 000
APR	1 860 000	OCT	524 000
MAY	2 050 000	NOV	552 000
JUN	991 000	DEC	459 000

TOTAL DISCHARGE, 9 890 000 dam³

ABITIBI RIVER AT TWIN FALLS - STATION NO. 04MC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	124	138	104	113	12.2	138	100	135	110	67.0	56.4	91.2	1
2	140	147	123	140	26.1	134	98.0	127	111	110	80.1	92.7	2
3	154	146	115	145	44.2	138	127	120	117	83.1	71.2	68.6	3
4	161	128	113	149	38.2	138	116	135	114	79.4	67.2	98.1	4
5	161	120	113	154	57.5	137	106	139	103	64.1	66.4	99.3	5
6	160	117	155	146	72.2	137	106	138	112	102	66.1	81.8	6
7	174	117	181	157	81.3	115	129	116	78.9	67.9	64.1	95.9	7
8	172	128	181	150	79.3	136	141	134	106	46.8	66.2	106	8
9	157	129	181	136	90.6	138	163	137	91.5	46.6	71.4	99.1	9
10	160	134	178	132	79.3	138	152	155	76.6	48.2	74.9	99.2	10
11	160	143	178	133	95.1	138	152	159	98.2	59.9	71.6	109	11
12	163	132	180	130	120	138	159	162	97.3	59.9	75.1	99.1	12
13	165	141	180	94.3	138	131	161	157	96.0	79.1	84.2	103	13
14	140	151	180	96.7	138	127	157	142	98.5	86.9	82.1	97.6	14
15	133	137	180	99.1	192	137	153	146	105	88.5	85.7	91.4	15
16	139	143	180	99.8	397	133	161	137	109	70.9	80.3	101	16
17	127	144	177	75.9	397	133	147	148	111	64.4	79.0	106	17
18	125	142	179	107	241	138	163	134	108	60.4	79.4	106	18
19	142	131	178	47.9	137	137	165	108	103	73.3	82.1	106	19
20	151	145	187	12.2	137	133	163	131	99.8	50.7	85.8	91.9	20
21	127	127	199	88.5	138	116	151	112	102	49.2	89.1	96.3	21
22	124	133	199	87.9	138	131	145	131	92.5	46.3	89.0	106	22
23	128	123	199	91.5	137	135	153	123	84.0	71.9	80.1	96.3	23
24	125	104	198	84.7	135	133	194	124	118	67.8	89.1	70.2	24
25	97.4	123	187	80.1	138	138	195	119	110	62.4	81.8	79.3	25
26	132	121	177	101	131	138	185	123	109	72.7	89.0	98.4	26
27	145	111	177	74.8	98.8	138	188	127	111	53.8	89.1	106	27
28	142	103	178	73.9	102	138	163	129	106	71.6	89.0	91.7	28
29	146		148	75.0	116	138	176	134	109	71.7	88.9	96.4	29
30	136		103	64.3	136	138	170	126	107	54.7	88.9	98.0	30
31	117		109		138		188	129		54.7		98.5	31
TOTAL	4 427.4	3 658	5 117	3 139.6	3 980.8	4 037	4 727.0	4 137	3 094.3	2 085.9	2 363.3	2 980.0	TOTAL
MEAN	143	131	165	105	128	135	152	133	103	67.3	78.8	96.1	MEAN
MAX	174	151	199	157	397	138	195	162	118	110	89.1	109	MAX
MIN	97.4	103	103	12.2	12.2	115	98.0	108	76.6	46.3	56.4	68.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 120
MAXIMUM DAILY, 397 ON MAY 16
MINIMUM DAILY, 12.2 ON APR 20

DATA CONTRIBUTED BY -
ABITIBI - PRICE INC.

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 45 00 N
LONG 80 35 00 W
DRAINAGE AREA, 9 950 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	383 000	JUL	408 000
FEB	316 000	AUG	357 000
MAR	442 000	SEP	267 000
APR	271 000	OCT	180 000
MAY	344 000	NOV	204 000
JUN	349 000	DEC	257 000

TOTAL DISCHARGE, 3 780 000 dam³

ALBANY RIVER ABOVE NOTTIK ISLAND - STATION NO. 04GD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	85.5B	60.0B	69.5B	56.0E	113B	455	297	118	57.7	34.0E	30.2	44.3B	1
2	84.0B	59.0B	70.0B	55.5E	120B	447	293	115	56.1	32.9	30.4	45.5B	2
3	83.0B	58.5B	70.0B	55.5E	130B	438	287	110	54.3	31.8	30.5	46.0B	3
4	82.0B	58.0B	69.5B	55.5E	142B	425	283	105	53.0	31.5	30.5	46.5B	4
5	81.0B	57.5B	69.5B	55.5E	157B	421	279	102	52.9	31.0	31.0	46.7B	5
6	80.0B	57.0B	69.0B	55.5E	173B	424	276	98.6	51.0E	30.7	30.5	47.0B	6
7	79.0B	56.5B	68.5B	56.0E	195B	416	269	95.6	50.0E	30.4	30.7	47.5B	7
8	78.0B	55.5B	68.5B	56.0E	210B	412	263	94.8	49.0E	30.7	30.7	47.7B	8
9	77.0B	55.5B	68.0B	56.0E	230B	410	258	94.7	49.5E	29.7	30.5B	47.8B	9
10	76.5B	55.0B	67.5B	56.5E	250B	406	255	93.3	49.5E	29.2	31.0B	48.0B	10
11	75.5B	54.5B	66.5B	57.0B	280B	398	242	93.0	49.5E	28.8	31.0B	48.1B	11
12	74.5B	54.0B	66.0B	58.0B	303	393	233	91.0	50.0E	28.6	31.5B	48.2B	12
13	73.5B	53.5B	65.5B	59.0B	324	382	226	87.5	49.0E	28.0	31.8B	48.3B	13
14	72.5B	53.0B	64.5B	60.0B	348	373	218	85.1	48.0E	27.4	32.3B	48.3B	14
15	71.5B	52.5B	64.0B	62.0B	374	368	210	84.2	47.0E	27.1	32.8B	48.3B	15
16	70.5B	52.2B	63.5B	63.0B	389	375	203	80.5	45.0E	26.8	33.7B	48.2B	16
17	70.0B	52.0B	63.0B	64.5B	405	376	197	77.2	43.5E	27.4	34.0B	48.2B	17
18	69.0B	51.9B	62.5B	66.0B	421	371	191	76.0	42.5E	32.1	34.7B	48.2B	18
19	68.0B	51.9B	62.0B	68.0B	435	369	186	74.0	41.5E	30.7	35.0B	48.2B	19
20	67.5B	52.0B	62.0B	70.0B	448	357	181	72.0	40.5E	31.0	35.8B	48.1B	20
21	67.0B	52.0B	61.0B	72.0B	457	342	171	69.9	39.0E	30.9	36.4B	48.0B	21
22	66.5B	53.0B	60.5B	74.0B	464	333	166	68.5	38.0E	30.9	37.2B	48.0B	22
23	66.0B	54.0B	60.5B	76.0B	470	328	161	66.7	37.0E	30.0	38.0B	47.9B	23
24	65.5B	56.0B	59.5B	79.0B	465	319	155	65.5	36.0E	32.5	38.7B	47.8B	24
25	64.5B	59.0B	59.0B	81.0B	464	308	153	63.7	35.5E	31.1	39.8B	47.5B	25
26	64.0B	61.0B	58.5B	85.0B	463	302	148	62.6	35.0E	27.2	40.5B	47.4B	26
27	63.5B	65.0B	58.0B	89.0B	460	298	142	60.8	35.5E	31.6	41.0B	47.0B	27
28	63.0B	67.0B	58.0B	94.0B	455	297	135	59.8	36.0E	32.2	42.0B	46.8B	28
29	62.5B		57.5B	100 B	447	299	129	58.4	35.5E	33.9	43.0B	46.6B	29
30	61.5B		57.0B	106 B	452	297	126	57.3	35.0E	31.4	43.5B	46.4B	30
31	61.0B		56.5B		457		121	56.5		30.9		46.2B	31
TOTAL	2 223.5	1 567.0	1 975.5	2 041.5	10 501	11 139	6 454	2 537.2	1 342.0	942.4	1 038.7	1 468.7	TOTAL
MEAN	71.7	56.0	63.7	68.1	339	371	208	81.8	44.7	30.4	34.6	47.4	MEAN
MAX	85.5	67.0	70.0	106	470	455	297	118	57.7	34.0	43.5	48.3	MAX
MIN	61.0	51.9	56.5	55.5	113	297	121	56.5	35.0	26.8	30.2	44.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 118
MAXIMUM DAILY, 470 ON MAY 23
MINIMUM DAILY, 26.8 ON OCT 16
MAXIMUM INSTANTANEOUS,
471 AT 05:50 EST ON MAY 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 30 N
LONG 86 23 50 W
DRAINAGE AREA, 32 400 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	192 000	JUL	558 000
FEB	135 000	AUG	219 000
MAR	171 000	SEP	116 000
APR	176 000	OCT	81 400
MAY	907 000	NOV	89 700
JUN	962 000	DEC	127 000

TOTAL DISCHARGE, 3 730 000 dam³

ALBANY RIVER AT OUTLET OF LAKE ST. JOSEPH - STATION NO. 04GA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	0	0	0	0	18
19	0	0	0	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	0	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0	0	0	0	0	0	0	0	0	0	0	0	24
25	0	0	0	0	0	0	0	0	0	0	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0	0	0	0	0	0	0	0	0	0	27
28	0	0	0	0	0	0	0	0	0	0	0	0	28
29	0		0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0	0	0	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	TOTAL
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	MEAN
MAX	0	0	0	0	0	0	0	0	0	0	0	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON JAN 1
MINIMUM DAILY, 0 ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 11 52 N
LONG 90 13 20 W

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED SINCE 1958

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	0
JUN	0	DEC	0

TOTAL DISCHARGE, 0 dam^3

ALBANY RIVER BELOW ACHAPI LAKE - STATION NO. 04GC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.2B	15.7B	14.9B	13.6B	32.4	47.4	38.5	22.5	14.0	12.2	13.2	11.5 B	1
2	18.1B	15.6B	14.8B	13.7B	34.6	47.0	38.6	21.6	14.2	12.6	13.0	11.4 B	2
3	18.0B	15.5B	14.7B	13.8B	36.2	46.2	37.6	21.1	14.3	12.8	12.9	11.3 B	3
4	17.8B	15.4B	14.5B	13.9B	38.6	46.0	37.2	20.7	13.6	12.7	13.1	11.1 B	4
5	17.7B	15.3B	14.4B	14.1B	41.4	44.8	38.3	20.8	13.5	12.6	13.2	10.9 B	5
6	17.6B	15.3B	14.3B	14.3B	44.9	42.9	37.7	20.8	13.6	12.4	12.9	10.8 B	6
7	17.5B	15.2B	14.2B	14.5B	48.4	42.7	38.8	20.8	13.8	12.4	13.0	10.7 B	7
8	17.4B	15.2B	14.1B	14.8B	49.4	42.1	38.1	20.6	13.5	12.3	13.1	10.5 B	8
9	17.3B	15.1B	14.0B	15.1B	52.3	42.2	37.7	20.5	13.7	12.3	13.1	10.4 B	9
10	17.2B	15.1B	13.9B	15.4B	54.8	41.9	35.8	20.4	13.6	12.3	13.0	10.3 B	10
11	17.1B	15.0B	13.8B	15.8B	55.7	41.6	34.8	20.9	13.9	12.4	12.9	10.2 B	11
12	17.0B	15.0B	13.7B	16.1B	55.6	40.7	34.0	20.2	14.1	12.4	12.9	10.0 B	12
13	16.9B	14.9B	13.7B	16.7B	56.0	39.6	32.8	20.1	13.7	12.6	13.0	9.95B	13
14	16.8B	14.9B	13.6B	17.0B	56.4	39.2	32.1	20.0	13.5	12.6	13.1	9.82B	14
15	16.8B	14.8B	13.5B	17.4B	54.3	40.1	31.5	19.0	13.3	12.4	13.3	9.72B	15
16	16.7B	14.8B	13.4B	18.0B	54.3	40.2	30.8	19.0	13.1	12.4	13.5	9.62B	16
17	16.6B	14.9B	13.3B	18.6B	54.3	41.0	30.1	19.2	13.5	12.5	13.9	9.50B	17
18	16.5B	15.1B	13.2B	19.1B	53.8	42.3	29.8	18.7	13.5	11.7	13.8	9.40B	18
19	16.5B	15.3B	13.2B	19.8B	52.8	41.2	29.1	18.4	13.0	12.0B	13.5B	9.30B	19
20	16.4B	15.5B	13.3B	20.2B	51.8	40.6	27.3	18.1	12.7	12.4B	13.3B	9.20B	20
21	16.3B	15.7B	13.6B	21.0B	50.6	39.9	27.5	17.8	12.6	13.2B	13.2B	9.10B	21
22	16.2B	15.8B	13.9B	21.9B	49.0	40.3	27.2	17.7	12.7	12.6B	12.9B	9.00B	22
23	16.2B	15.8B	13.9B	22.7B	46.0	40.0	26.6	16.4	12.8	12.6B	12.7B	8.95B	23
24	16.1B	15.6B	13.8B	23.5B	45.7	39.0	26.4	16.3	12.7	12.6B	12.6B	8.90B	24
25	16.1B	15.4B	13.7B	24.5B	46.0	38.5	25.7	16.2	12.1	12.5B	12.4B	8.80B	25
26	16.0B	15.3B	13.6B	25.7	47.2	38.2	25.3	15.6	12.0	12.4B	12.3B	8.70B	26
27	16.0B	15.2B	13.5B	26.4	48.0	38.1	24.9	15.4	12.6	12.4B	12.1B	8.60B	27
28	15.9B	15.0B	13.4B	27.6	48.0	37.6	24.5	15.5	12.3	12.4	11.9B	8.53B	28
29	15.8B		13.4B	28.8	46.8	37.0	24.4	15.4	12.1	12.4	11.7B	8.46B	29
30	15.8B		13.5B	30.5	47.5	38.1	23.4	14.8	12.3	12.5	11.6B	8.40B	30
31	15.7B		13.5B		47.5		23.4	14.7		13.5		8.35B	31
TOTAL	520.2	427.4	428.3	574.5	1 500.3	1 236.4	969.9	579.2	396.3	387.1	387.1	301.40	TOTAL
MEAN	16.8	15.3	13.8	19.2	48.4	41.2	31.3	18.7	13.2	12.5	12.9	9.72	MEAN
MAX	18.2	15.8	14.9	30.5	56.4	47.4	38.8	22.5	14.3	13.5	13.9	11.5	MAX
MIN	15.7	14.8	13.2	13.6	32.4	37.0	23.4	14.7	12.0	11.7	11.6	8.35	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.1
MAXIMUM DAILY, 56.4 ON MAY 14
MINIMUM DAILY, 8.35B ON DEC 31
MAXIMUM INSTANTANEOUS,
57.1 AT 15:24 EST ON MAY 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 22 00 N
LONG 89 25 20 W
DRAINAGE AREA, 16 300 km^2

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	44 900	JUL	83 800
FEB	36 900	AUG	50 000
MAR	37 000	SEP	34 200
APR	49 600	OCT	33 400
MAY	130 000	NOV	33 400
JUN	107 000	DEC	26 000

TOTAL DISCHARGE, 666 000 dam^3

ALBANY RIVER NEAR HAT ISLAND - STATION NO. 04HA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	234B	156B	177B	249B	1 460B	1 620E	920E	270E	139 E	91.0E	161	100 B	1
2	230B	154B	184B	256B	1 500B	1 580E	920E	260E	135 E	90.0E	156	99.0B	2
3	227B	152B	192B	265B	1 570B	1 540E	910E	253E	130 E	88.0A	149	98.0B	3
4	223B	150B	199B	273B	1 650	1 500E	880E	245E	128 E	86.5E	149	97.0B	4
5	219B	148B	202B	283B	1 880	1 470E	840E	237E	124 E	85.4A	158	96.0B	5
6	214B	147B	208B	297B	2 360	1 420E	810E	230E	122 E	85.0E	161	96.0B	6
7	211B	146B	210B	301B	2 740	1 410E	790E	223E	120 E	92.0E	169	95.0B	7
8	209B	145B	215B	312B	2 630	1 410E	750E	218E	123 E	96.0E	174	95.0B	8
9	204B	144B	218B	330B	2 670	1 460E	710E	221A	122 E	100 E	158B	94.5B	9
10	202B	143B	220B	360B	2 650	1 480E	670E	224A	120 E	103 E	151B	94.0B	10
11	200B	142B	220B	420B	2 590A	1 460E	630E	219E	121 E	105 E	146B	93.0B	11
12	198B	141B	220B	520B	2 580E	1 410E	610E	215E	123 E	107 E	140B	92.0B	12
13	197B	140B	220B	800B	2 540E	1 330E	580E	212E	125 E	107 E	136B	92.0B	13
14	195B	139B	220B	1 100B	2 470E	1 290E	560E	210E	123 E	107 E	132B	91.0B	14
15	193B	138B	220B	1 270B	2 420E	1 280E	540E	208E	121 E	109 E	127B	91.0B	15
16	191B	137B	220B	1 390B	2 350E	1 290E	520E	202E	118 E	115 E	125B	90.5B	16
17	188B	137B	220B	1 470B	2 300E	1 310E	500E	195E	114 E	120 E	123B	90.5B	17
18	186B	136B	219B	1 480B	2 200E	1 290E	480E	190E	112 E	127	120B	90.0B	18
19	184B	136B	219B	1 490B	2 140E	1 240E	450E	183E	112 E	121	118B	90.0B	19
20	182B	137B	218B	1 480B	2 100E	1 200E	420E	179E	110 E	125	117B	89.5B	20
21	178B	138B	216B	1 470B	2 020E	1 140E	400E	172E	104 E	130	114B	89.0B	21
22	177B	140B	215B	1 430B	1 950E	1 100E	380E	165E	101 E	144	113B	89.0B	22
23	174B	143B	214B	1 420B	1 900E	1 060E	365E	161E	97.0E	164	111B	88.5B	23
24	173B	148B	215B	1 400B	1 860E	1 000E	355E	157E	95.0E	170	109B	88.0B	24
25	172B	151B	217B	1 390B	1 820E	940E	345E	153E	93.0E	159	107B	88.0B	25
26	169B	156B	219B	1 380B	1 800E	910E	335E	150E	91.0E	151	106B	88.0B	26
27	167B	161B	220B	1 380B	1 780E	860E	325E	145E	93.0E	154	105B	87.5B	27
28	164B	166B	223B	1 370B	1 750E	830E	310E	142E	98.0E	158	103B	87.0B	28
29	162B		228B	1 390B	1 710E	830E	300E	138E	100 E	157	102B	86.5B	29
30	160B		235B	1 420B	1 690E	870E	285E	134E	92.0E	159	101B	86.0B	30
31	158B		242B		1 650E		275E	136E		159		86.0B	31
TOTAL	5 941	4 071	6 665	28 396	64 730	37 530	17 165	6 047	3 406.0	3 764.9	3 941	2 837.5	TOTAL
MEAN	192	145	215	947	2 090	1 250	554	195	114	121	131	91.5	MEAN
MAX	234	166	242	1 490	2 740	1 620	920	270	139	170	174	100	MAX
MIN	158	136	177	249	1 460	830	275	134	91.0	85.0	101	86.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 505
MAXIMUM DAILY, 2 740 ON MAY 7
MINIMUM DAILY, 85.0E ON OCT 6
MAXIMUM INSTANTANEOUS,
3 050 AT 04:00 EST ON MAY 7

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 19 30 N
LONG 83 52 20 W
DRAINAGE AREA, 118 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1934

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	513 000	JUL	1 480 000
FEB	352 000	AUG	522 000
MAR	576 000	SEP	294 000
APR	2 450 000	OCT	325 000
MAY	5 590 000	NOV	341 000
JUN	3 240 000	DEC	245 000

TOTAL DISCHARGE, 15 900 000 dam³

ALDER CREEK NEAR NEW DUNDEE - STATION NO. 02GA030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.087B	0.072B	0.380	0.272	0.177	0.079	0.067	0.041	0.078	0.155	0.122	0.111	1
2	0.086B	0.076B	0.269	0.217	0.144	0.072	0.059	0.028	0.119	0.140	0.114	0.210	2
3	0.086B	0.074B	0.215B	0.190	0.114	0.082	0.066	0.030	0.418	0.096	0.103	0.170	3
4	0.086B	0.072B	0.192B	0.198	0.096	0.083	0.067	0.040	1.42	0.089	0.095	0.141	4
5	0.086B	0.070B	0.175B	0.173	0.098	0.082	0.065	0.055	0.290	0.086	0.094	0.116	5
6	0.086B	0.069B	0.155B	0.146	0.099	0.077	0.063	0.050	0.150	0.165	0.096	0.110	6
7	0.085B	0.068B	0.141B	0.138	0.096	0.069	0.066	0.057	0.106	0.148	0.092	0.096	7
8	0.085B	0.067B	0.145	0.126	0.096	0.066	0.060	0.069	0.094	0.099	0.090	0.091B	8
9	0.085B	0.066B	0.154	0.112	0.091	0.070	0.060	0.065	0.091	0.091	0.084	0.084B	9
10	0.084B	0.065B	0.167	0.112	0.104	0.071	0.058	0.054	0.082	0.087	0.082	0.080B	10
11	0.084B	0.370B	0.163	0.132	0.274	0.070	0.053	0.058	0.078	0.078	0.085	0.075B	11
12	0.083B	0.340B	0.155B	0.120	0.211	0.069	0.033	0.062	0.078	0.074	0.082	0.071B	12
13	0.082B	0.320B	0.143B	0.118	0.159	0.073	0.032	0.059	0.075	0.073	0.078	0.067B	13
14	0.082B	0.310B	0.132B	0.401	0.144	0.093	0.034	0.052	0.072	0.073	0.081	0.064B	14
15	0.083B	0.305B	0.127B	0.223	0.163	0.081	0.037	0.078	0.062	0.076	0.077	0.057B	15
16	0.082B	0.300B	0.132B	0.174	0.164	0.074	0.041	0.077	0.071	0.075	0.085	0.060B	16
17	0.082B	0.440B	0.121B	0.200	0.124	0.087	0.041	0.056	0.077	0.071	0.095	0.055B	17
18	0.081B	0.950B	0.111B	0.203	0.103	0.079	0.040	0.048	0.078	0.151	0.088	0.052B	18
19	0.081B	2.40 B	0.107B	0.139	0.100	0.071	0.050	0.047	0.078	0.171	0.083	0.048B	19
20	0.081B	5.80 B	0.102B	0.103	0.100	0.074	0.046	0.048	0.075	0.154	0.211	0.046B	20
21	0.081B	2.55 B	0.103	0.109	0.097	0.112	0.046	0.049	0.080	0.170	0.261	0.047B	21
22	0.082B	1.13	0.122	0.113	0.093	0.189	0.051	0.047	0.147	0.382E	0.159	0.051B	22
23	0.078B	2.79	0.111	0.190	0.088	0.196	0.048	0.046	0.096	0.443E	0.127	0.055B	23
24	0.076B	1.18	0.112	0.337	0.086	0.143	0.048	0.040	0.079	0.228	0.103	0.057B	24
25	0.074B	0.520	0.126	0.235	0.082	0.095	0.051	0.037	0.062	0.171	0.090	0.057B	25
26	0.073B	0.387	0.141	0.177	0.082	0.083	0.049	0.038	0.074	0.151	0.092	0.056B	26
27	0.075B	0.319	0.222	0.153	0.089	0.095	0.040	0.045	0.081	0.317E	0.141	0.055B	27
28	0.076B	0.481	0.197	0.382	0.097	0.059	0.088	0.061	0.065	0.502E	0.121	0.054B	28
29	0.074B		0.184	0.330	0.098	0.055	0.138	0.075	0.067	0.199	0.102	0.053B	29
30	0.072B		0.363	0.246	0.098	0.064	0.078	0.117	0.069	0.150	0.098	0.051B	30
31	0.071B		0.370		0.091		0.056	0.104		0.129		0.048B	31
TOTAL	2.509	21.591	5.337	5.769	3.658	2.613	1.731	1.733	4.412	4.994	3.231	2.388	TOTAL
MEAN	0.081	0.771	0.172	0.192	0.118	0.087	0.056	0.056	0.147	0.161	0.108	0.077	MEAN
MAX	0.087	5.80	0.380	0.401	0.274	0.196	0.138	0.117	1.42	0.502	0.261	0.210	MAX
MIN	0.071	0.065	0.102	0.103	0.082	0.055	0.032	0.028	0.062	0.071	0.077	0.046	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.164
MAXIMUM DAILY, 5.80B ON FEB 20
MINIMUM DAILY, 0.028 ON AUG 2

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 22 19 N
LONG 80 33 06 W
DRAINAGE AREA, 49.7 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	217	JUL	150
FEB	1 870	AUG	150
MAR	461	SEP	381
APR	498	OCT	431
MAY	316	NOV	279
JUN	226	DEC	206

TOTAL DISCHARGE, 5 190 dam³

AMABLE DU FOND RIVER AT SAMUEL DE CHAMPLAIN PROVINCIAL PARK - STATION NO. 02JE019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.4 B	9.80B	32.1	49.1	35.6	18.3	22.2	6.10	6.96	15.2	26.3	15.5	1
2	13.2 B	9.90B	30.0	54.7	33.5	17.8	22.0	5.71	7.23	16.7	25.0	15.7	2
3	13.0 B	10.0 B	27.7	56.6	32.0	17.8	19.8	5.68	7.15	17.3	24.0	16.7	3
4	12.9 B	10.1 B	26.6	64.1	30.6	20.8	20.1	5.93	8.25	16.5	23.2	17.1	4
5	12.8 B	10.1 B	26.5	83.8	27.3	20.0	19.8	11.0	14.5	15.8	22.5	16.3	5
6	12.6 B	10.1 B	25.5	82.8	22.6	18.7	19.1	13.0	15.0	16.1	21.5	15.7	6
7	12.4 B	10.1 B	24.7	70.5	21.6	18.1	18.3	10.3	13.1	22.9	20.7	15.3	7
8	12.2 B	10.0 B	24.1	63.7	21.5	17.7	17.3	9.52	12.3	27.8	20.1	15.3	8
9	12.1 B	9.90B	23.6	73.6	21.4	17.7	16.7	9.65	12.3	26.2	19.4	15.0	9
10	11.9 B	9.80B	23.0	78.5	21.6	17.3	16.3	8.98	16.0	24.6	18.7	14.7	10
11	11.8 B	9.90B	22.5	71.5	28.8	16.8	15.3	8.37	17.3	23.2	18.1	14.7	11
12	11.7 B	10.0 B	22.0	67.3	39.4	16.1	14.6	8.87	16.7	22.5	17.4	14.5	12
13	11.6 B	10.1 B	22.1	63.4	40.4	16.0	14.4	11.9	16.0	21.8	17.2	14.3	13
14	11.4 B	10.3 B	21.5	60.2	40.3	16.2	13.6	12.4	15.2	21.5	16.8	14.2	14
15	11.2 B	10.5 B	21.2	60.9	40.0	21.9	12.8	11.9	14.8	21.5	14.5	14.1	15
16	11.1 B	10.7 B	20.7	57.7	40.5	47.1	12.3	11.1	14.3	22.0	11.9	14.1	16
17	11.0 B	10.8 B	20.6	53.4	38.4	40.4	11.6	10.4	13.8	22.3	12.7	13.1	17
18	10.9 B	11.0 B	19.8	51.0	35.2	28.7	9.38	9.55	15.2	24.5	16.4	12.4	18
19	10.8 B	11.6 B	19.6	48.7	33.0	25.6	7.18	8.58	20.1	28.4	18.0	12.4	19
20	10.7 B	12.8 B	19.3	46.6	31.4	25.0	6.83	6.68	20.9	29.4	16.9	12.5	20
21	10.6 B	14.5 B	18.9	45.0	30.1	23.0	11.9	5.59	20.2	29.9	16.7	12.4	21
22	10.5 B	19.0 B	18.5	42.2	28.7	23.0	11.0	5.15	19.1	29.1	16.4	12.8	22
23	10.4 B	25.0 B	18.3	40.1	27.6	27.5	9.05	5.19	18.1	28.2	16.0	13.1	23
24	10.3 B	35.5	18.3	39.0	26.6	26.2	7.58	5.37	17.1	27.4	15.3	12.9	24
25	10.2 B	39.0	18.6	38.1	26.5	26.2	6.03	5.28	16.3	26.8	15.0	12.6	25
26	10.1 B	40.3	19.6	37.1	26.9	25.6	5.75	5.26	15.7	25.7	14.8	12.1	26
27	10.1 B	36.9	20.3	35.7	26.3	23.5	6.23	5.20	16.6	25.2	15.6	11.8	27
28	10.0 B	34.4	20.4	34.2	25.3	21.9	6.09	5.13	17.4	24.5	16.7	11.7B	28
29	9.90B		22.2	36.4	24.5	21.1	6.15	5.35	16.4	25.3	16.7	11.4B	29
30	9.80B		32.1	38.3	22.9	20.4	6.15	6.35	15.4	28.0	15.9	11.3B	30
31	9.70B		48.8		19.7		6.43	6.75		27.6		11.2	31
TOTAL	350.30	452.10	729.1	1 644.2	920.2	676.4	391.95	246.24	449.39	733.5	540.4	426.9	TOTAL
MEAN	11.3	16.1	23.5	54.8	29.7	22.5	12.6	7.94	15.0	23.7	18.0	13.8	MEAN
MAX	13.4	40.3	48.8	83.8	40.5	47.1	22.2	13.0	20.9	29.9	26.3	17.1	MAX
MIN	9.70	9.80	18.3	34.2	19.7	16.0	5.75	5.13	6.96	15.2	11.9	11.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.7
MAXIMUM DAILY, 83.8 ON APR 5
MINIMUM DAILY, 5.13 ON AUG 28
MAXIMUM INSTANTANEOUS,
87.1 AT 16:25 EST ON APR 5

REMARKS - DRAINAGE AREA REVISED

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 18 00 N
LONG 78 52 45 W
DRAINAGE AREA, 1 130 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	30 300	JUL	33 900
FEB	39 100	AUG	21 300
MAR	63 000	SEP	38 800
APR	142 000	OCT	63 400
MAY	79 500	NOV	46 700
JUN	58 400	DEC	36 900

TOTAL DISCHARGE, 653 000 dam³

ASHEWEIG RIVER AT STRAIGHT LAKE - STATION NO. 04DB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	47.0B	34.1B	27.3B	21.1B	18.3	183	168	59.5	31.9	55.0	124	95.3	1
2	46.5B	34.0B	26.9B	20.8B	18.7	185	163	58.5	31.5	55.9	124	94.4	2
3	45.8B	33.8B	26.7B	20.5B	19.4	187	161	57.6	31.6	58.0	123	94.3	3
4	45.3B	33.4B	26.4B	20.3B	20.3	188	159	55.3	31.1	60.2	121	93.0	4
5	44.9B	33.0B	26.2B	20.1B	20.5	187	155	53.3	30.4	63.1	118	92.2	5
6	44.5B	32.8B	26.0B	19.9B	21.1	188	152	52.7	29.9	67.2	119	91.6	6
7	44.0B	32.5B	25.8B	19.7B	22.7	191	148	52.7	31.6	71.0	116	92.8	7
8	43.5B	32.4B	25.3B	19.5B	23.6	190	143	51.1	32.3	74.3	115	91.9	8
9	43.0B	32.3B	25.1B	19.3B	24.0	189	140	49.7	33.2	77.4	115	90.5B	9
10	42.4B	32.0B	24.9B	19.0B	25.3	187	138	48.8	33.4	79.9	116	89.3B	10
11	41.9B	32.0B	24.7B	18.9B	27.6	186	132	48.3	33.2	83.5	113	88.0B	11
12	41.5B	31.9B	24.5B	18.7B	30.8	183A	126	46.9	32.8	87.6	110	87.0B	12
13	40.8B	31.9B	24.2B	18.6B	34.8	179A	120	45.2	32.7	92.9	108	86.0B	13
14	40.5B	32.0B	24.0B	18.4B	39.6	175	116	44.0	32.9	97.1	106	85.0B	14
15	40.0B	32.3B	23.7B	18.3B	44.0	173	111	43.4	33.6	101	104	84.0B	15
16	39.7B	32.3B	23.5B	18.2B	48.4	175	105	41.7	33.9	105	104	83.0B	16
17	39.1B	32.4B	23.3B	18.1B	53.5	176	97.6	41.7	34.3	109	105 B	82.3B	17
18	38.7B	32.0B	23.1B	18.0B	59.7	173	93.9	40.4	35.2	118	106 B	81.0B	18
19	38.5B	31.8B	22.9B	17.9B	66.3	178	89.6	39.4	35.3	125	105 B	80.2B	19
20	38.2B	31.0B	22.9B	17.8B	74.7	180	85.2	40.0	35.9	123	104 B	79.5B	20
21	37.8B	30.7B	23.0B	17.7B	84.1	178	82.8	38.6	36.7	124	103 B	78.8B	21
22	37.6B	30.4B	23.1B	17.6B	95.1	177	79.1	37.6	37.1	123	102 B	77.7B	22
23	37.2B	30.0B	23.2B	17.7	107	178	76.4	37.0	37.8	123	101	77.0B	23
24	36.9B	29.5B	23.0B	17.6	120	177	72.8	35.9	38.9	124	99.8	76.0B	24
25	36.6B	29.0B	22.9B	17.7	131	175	71.1	35.8	39.8	123	99.1	75.3B	25
26	36.2B	28.8B	22.7B	17.7	140	176	69.4	35.1	41.9	126	98.1	74.5B	26
27	35.9B	28.6B	22.5B	17.9	150	175	67.6	34.0	46.7	126	98.1	73.9B	27
28	35.4B	28.3B	22.3B	18.0	157	174	64.3	33.4	50.3	122	98.4	73.2B	28
29	35.1B		21.9B	18.1	165	172	61.7	33.0	54.0	121	97.8	72.7B	29
30	34.9B		21.7B	18.2	175	170	60.6	31.9	54.6	123	96.2	72.1B	30
31	34.5B		21.4B		180		59.4	31.2		123		71.3B	31
TOTAL	1 243.9	885.2	745.1	561.3	2 197.5	5 405	3 368.5	1 353.7	1 094.5	3 062.1	3 249.5	2 583.8	TOTAL
MEAN	40.1	31.6	24.0	18.7	70.9	180	109	43.7	36.5	98.8	108	83.3	MEAN
MAX	47.0	34.1	27.3	21.1	180	191	168	59.5	54.6	126	124	95.3	MAX
MIN	34.5	28.3	21.4	17.6	18.3	170	59.4	31.2	29.9	55.0	96.2	71.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 70.5
MAXIMUM DAILY, 191 ON JUN 7
MINIMUM DAILY, 17.6B ON APR 22
MAXIMUM INSTANTANEOUS,
194 AT 17:49 EST ON JUN 4

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 43 00 N
LONG 87 56 40 W
DRAINAGE AREA, 7 950 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	107 000	JUL	291 000
FEB	76 500	AUG	117 000
MAR	64 400	SEP	94 600
APR	48 500	OCT	265 000
MAY	190 000	NOV	281 000
JUN	467 000	DEC	223 000

TOTAL DISCHARGE, 2 230 000 dam³

ATIKOKAN RIVER AT ATIKOKAN - STATION NO. 05PB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.72	---	---	---	6.85A	4.97	4.29	1.88	1.25	0.973	1.19	0.898	1
2	3.67	---	1.59A	---	6.51A	6.11	4.03	1.80	1.19	1.01	1.17	0.902	2
3	3.94	---	---	---	7.93A	9.25	3.97	1.77	1.18	1.07	1.15	0.893	3
4	3.96	---	---	---	7.93A	7.59	4.08	1.75	1.12	1.13	1.14	0.897	4
5	4.03	---	---	---	7.59A	5.92	3.94	1.72	1.13	1.22	1.12	0.879	5
6	4.01	---	---	---	7.25A	5.10	3.83	1.82	1.10	1.41	1.07	0.891	6
7	3.97	---	---	---	6.74A	4.67	3.68	1.87	1.15	1.37	1.06	0.884	7
8	3.98	---	---	---	6.40A	4.61	3.58	1.87	1.11	1.34	1.08	0.852A	8
9	4.02	---	---	---	6.85A	4.53	3.51	1.88	1.06	1.27	1.02	0.872A	9
10	3.93	---	---	---	7.42A	4.48	3.40	1.86	1.05	1.25	1.02	0.852A	10
11	4.08	---	---	---	7.08A	4.36	3.33	1.92	1.02	1.20	1.02	0.889A	11
12	2.75A	---	---	---	6.74A	4.23	3.23	1.88	0.973	1.18	1.02	0.926A	12
13	2.37A	---	---	---	6.63A	4.06	3.21	1.82	0.969	1.23 A	1.02	0.852A	13
14	---	---	---	---	5.61A	4.16	3.07	1.81	0.919	1.25 E	1.01	0.779A	14
15	---	---	---	---	5.33	7.25	2.91	1.70	0.903	1.27 E	1.00	0.745A	15
16	---	---	---	---	5.02	4.67	2.79	1.64	0.882	1.28 E	1.00	0.779A	16
17	---	---	---	---	4.76	4.16	2.74	1.61	0.864	1.30 E	0.994	0.852A	17
18	---	1.59A	---	---	4.54	4.02	2.72	1.57	0.880	1.32 E	0.976	0.909A	18
19	---	---	---	---	4.44	3.86	2.58	1.51	0.843	1.33 E	0.929	0.983A	19
20	---	---	---	---	4.31	4.00	2.46	1.47	0.791	1.35 E	0.858	1.06 A	20
21	---	---	---	---	4.10	4.02	2.39	1.42	0.794	1.36 A	0.842	1.10 A	21
22	---	---	---	---	3.98	4.08	2.34	1.38	0.778	1.33	0.792	0.852A	22
23	---	---	---	---	3.85	4.00	2.23	1.37	0.761	1.33	0.784	0.799A	23
24	---	---	---	---	3.78	4.45	2.25	1.36	0.761	1.27	0.811	0.745A	24
25	---	---	---	---	4.37	5.47	2.24	1.31	0.754	1.24	0.848	0.677A	25
26	---	---	---	---	4.70	5.11	2.14	1.28	0.760	1.12	0.854	0.643A	26
27	---	---	---	---	4.50	4.70	2.08	1.28	0.784	1.22	0.859	0.578A	27
28	---	---	---	---	4.27	4.55	2.06	1.26	0.778	1.19	0.885	0.578A	28
29	---		---	8.10A	4.31	4.43	2.08	1.24	0.768	1.21	0.916	0.578A	29
30	---		---	7.25A	5.03	4.49	1.99	1.24	0.807	1.24	0.899	0.595A	30
31	---		---		5.09		1.92	1.23		1.29		0.609A	31
TOTAL	---	---	---	---	173.91	147.30	91.07	49.52	28.129	38.553	29.337	25.348	TOTAL
MEAN	---	---	---	---	5.61	4.91	2.94	1.60	0.938	1.24	0.978	0.818	MEAN
MAX	---	---	---	---	7.93	9.25	4.29	1.92	1.25	1.41	1.19	1.10	MAX
MIN	---	---	---	---	3.78	3.86	1.92	1.23	0.754	0.973	0.784	0.578	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 45 07 N
LONG 91 35 02 W
DRAINAGE AREA, 332 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7 870
FEB	---	AUG	4 280
MAR	---	SEP	2 430
APR	---	OCT	3 330
MAY	15 000	NOV	2 530
JUN	12 700	DEC	2 190

ATTAWAPISKAT RIVER BELOW ATTAWAPISKAT LAKE - STATION NO. 04FB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	96.1B	64.5B	49.9B	42.5B	120E	550E	219E	140	58.2	---	---	---	1
2	95.0B	63.6B	49.6B	42.3B	137E	535E	215E	137	57.5	---	---	---	2
3	93.9B	63.0B	49.2B	42.2B	154E	517E	213E	133	55.3	---	---	---	3
4	92.5B	62.5B	48.8B	42.1B	172E	500E	208E	129	53.1	---	---	---	4
5	90.9B	62.0B	48.2B	42.2B	195E	483E	204E	124	50.7	---	---	---	5
6	89.9B	61.0B	48.0B	42.7B	216E	463E	200E	119	50.2	---	---	---	6
7	88.5B	60.5B	47.7B	42.9B	236E	452E	198E	115	48.9	---	---	---	7
8	87.5B	60.0B	47.5B	43.2B	260E	439E	194E	113	48.5	---	---	---	8
9	86.0B	59.6B	47.2B	43.5B	285E	420E	192E	110	47.9	---	---	---	9
10	84.7B	58.8B	46.9B	44.1B	310E	403E	190E	107	47.1	---	---	---	10
11	83.9B	58.0B	46.6B	44.8B	337E	392E	195E	103	47.2	---	---	---	11
12	82.7B	57.5B	46.1B	45.5B	368E	380E	201E	101	47.3	---	---	---	12
13	81.7B	57.0B	45.9B	46.6B	395E	364E	207E	97.5	---	---	---	---	13
14	80.3B	56.5B	45.8B	47.2B	430E	352E	209E	93.0	---	---	---	---	14
15	80.0B	56.0B	45.5B	48.4B	460E	338E	210E	91.8	---	---	---	---	15
16	78.7B	55.4B	45.2B	49.6B	493E	328E	210E	88.6	---	---	---	---	16
17	77.8B	54.9B	45.0B	51.5B	515E	317E	209E	86.7	---	---	---	---	17
18	76.6B	54.5B	44.8B	52.8B	560E	304E	202	84.4	---	---	---	---	18
19	75.7B	54.0B	44.5B	54.9B	594	294E	194	82.4	---	---	---	---	19
20	74.3B	53.8B	44.2B	57.3B	627	283E	190	80.5	---	---	---	---	20
21	73.5B	53.4B	44.0B	60.0B	654	275E	185	78.7	---	---	---	---	21
22	72.5B	52.9B	43.9B	63.3B	674	268E	179	76.2	---	---	---	---	22
23	72.0B	52.2B	43.8B	66.5B	686	263E	173	73.9	---	---	---	---	23
24	71.2B	52.0B	43.8B	70.0B	695E	255E	170	71.6	---	---	---	---	24
25	70.0B	51.6B	43.7B	75.0B	689E	249E	166	69.4	---	---	---	---	25
26	69.5B	51.2B	43.7B	79.5B	673E	243E	162	67.2	---	---	---	---	26
27	68.5B	50.8B	43.5B	85.0B	650E	238E	158	65.1	---	---	---	---	27
28	67.9B	50.2B	43.3B	90.9B	632E	234E	153	62.8	---	---	---	---	28
29	67.0B		43.0B	98.0B	607E	228E	148	60.5	---	---	---	---	29
30	66.0B		42.9B	107 B	592E	224E	147	58.5	---	---	---	---	30
31	65.4B		42.7B		570E		144	58.0		---		---	31
TOTAL	2 460.2	1 587.4	1 414.9	1 721.5	13 986	10 591	5 845	2 877.8	---	---	---	---	TOTAL
MEAN	79.4	56.7	45.6	57.4	451	353	189	92.8	---	---	---	---	MEAN
MAX	96.1	64.5	49.9	107	695	550	219	140	---	---	---	---	MAX
MIN	65.4	50.2	42.7	42.1	120	224	144	58.0	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 695E ON MAY 24
MINIMUM DAILY, 42.1B ON APR 4

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 05 00 N
LONG 87 05 00 W
DRAINAGE AREA, 24 200 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	213 000	JUL	505 000
FEB	137 000	AUG	249 000
MAR	122 000	SEP	---
APR	149 000	OCT	---
MAY	1 210 000	NOV	---
JUN	915 000	DEC	---

ATTAWAPISKAT RIVER BELOW MUKETEI RIVER - STATION NO. 04FC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	103 B	70.0B	64.0B	53.5B	88.0B	740E	420	168	81.8	89.9	244	163B	1
2	102 B	69.5B	64.0B	53.5B	110 B	720E	412	164	80.4	88.8	306	161B	2
3	100 B	69.0B	64.0B	53.5B	140 B	710E	404	157	80.4	87.1	305	159B	3
4	98.0B	68.5B	63.5B	53.0B	180 B	700E	425	152	78.8	86.1	305	157B	4
5	97.0B	68.0B	63.0B	52.5B	220 B	690E	437	146	77.5	84.1	307	153B	5
6	96.0B	67.5B	62.5B	52.5B	290 B	680E	445	139	76.9	83.9	306	152B	6
7	95.0B	67.0B	62.5B	53.0B	380 B	670E	440	133	77.6	82.5	306	150B	7
8	94.0B	66.0B	62.0B	53.0B	480 B	660E	426	128	78.1	82.0	288B	148B	8
9	92.0B	65.5B	61.5B	53.0B	660 B	650E	411	130	79.1	82.0	275B	146B	9
10	91.0B	65.0B	61.0B	53.0B	800 B	640E	394	131	81.6	80.7	265B	144B	10
11	90.0B	64.0B	60.5B	53.5B	870 E	630E	382	138	81.5	79.5	257B	142B	11
12	89.0B	64.0B	60.0B	53.5B	940 E	620E	367	139	82.3	78.2	250B	140B	12
13	87.0B	63.5B	59.5B	54.0B	1 000 E	600E	343	135	81.7	78.7	242B	138B	13
14	86.0B	63.0B	59.0B	54.0B	1 030 E	590E	325	131	80.7	78.5	237B	136B	14
15	85.0B	63.0B	58.5B	54.5B	1 050 E	580E	311	124	78.9	76.3	230B	135B	15
16	84.0B	62.5B	58.0B	55.0B	1 070 E	569A	296	119	78.9	76.9	225B	133B	16
17	83.0B	62.0B	57.0B	55.5B	1 050 E	567	281	114	78.7	78.1	220B	132B	17
18	82.0B	61.5B	56.5B	56.0B	1 040 E	558	268	112	78.7	83.9	212B	130B	18
19	81.0B	61.0B	56.0B	56.5B	1 030 E	534	254	109	77.7	86.4	208B	128B	19
20	80.5B	60.5B	55.5B	57.0B	1 000 E	521	245	105	76.8	93.0	203B	127B	20
21	80.0B	60.0B	55.5B	57.5B	970 E	516	229	104	75.9	115	200B	125B	21
22	79.5B	60.0B	55.0B	58.0B	950 E	510	220	101	76.0	189	195B	123B	22
23	78.5B	60.0B	54.5B	59.0B	930 E	503	211	100	76.9	246	190B	121B	23
24	77.5B	61.0B	54.0B	60.0B	900 E	495	205	98.1	75.3	197	187B	119B	24
25	76.5B	61.5B	54.0B	61.0B	880 E	477	212	95.9	73.1	180	183B	117B	25
26	76.0B	62.0B	53.5B	62.0B	850 E	457	202	92.1	73.8	155	180B	116B	26
27	75.0B	63.5B	53.5B	64.0B	830 E	446	194	89.2	76.4	159	176B	114B	27
28	74.0B	64.0B	53.5B	66.0B	810 E	437	187	87.2	76.9	172	173B	113B	28
29	72.0B		53.5B	69.0B	790 E	431	182	84.6	82.3	194	170B	112B	29
30	70.9B		53.5B	76.0B	770 E	426	170	81.9	87.5	197	167B	110B	30
31	70.5B		53.5B		760 E		168	80.5		203		109B	31
TOTAL	2 645.9	1 793.0	1 802.5	1 712.5	22 868.0	17 327	9 466	3 688.5	2 362.2	3 663.6	7 012	4 153	TOTAL
MEAN	85.4	64.0	58.1	57.1	738	578	305	119	78.7	118	234	134	MEAN
MAX	103	70.0	64.0	76.0	1 070	740	445	168	87.5	246	307	163	MAX
MIN	70.5	60.0	53.5	52.5	88.0	426	168	80.5	73.1	76.3	167	109	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 215
MAXIMUM DAILY, 1 070E ON MAY 16
MINIMUM DAILY, 52.5B ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 05 30 N
LONG 85 00 30 W
DRAINAGE AREA, 36 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	229 000	JUL	818 000
FEB	155 000	AUG	319 000
MAR	156 000	SEP	204 000
APR	148 000	OCT	317 000
MAY	1 980 000	NOV	606 000
JUN	1 500 000	DEC	359 000

TOTAL DISCHARGE, 6 790 000 dam³

AUBINADONG RIVER ABOVE SESABIC CREEK - STATION NO. 02CB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.20B	4.60B	6.50B	32.0B	39.4	18.0	54.4	4.48	3.14	2.79	10.5	7.40B	1
2	6.15B	4.58B	6.30B	44.0B	37.6	17.5	45.4	4.32	3.13	2.84	10.6	7.60B	2
3	6.10B	4.55B	6.20B	62.2	36.5	19.2	38.8	4.35	3.37	2.86	10.8	7.60B	3
4	6.00B	4.50B	6.00B	88.1	36.5	22.1	34.4	4.85	3.11	2.91	10.8	7.30B	4
5	5.95B	4.48B	5.90B	119	39.1	27.8	32.5	4.91	2.98	2.92	10.8	7.00B	5
6	5.85B	4.45B	5.70B	116	44.9	23.4	29.9	4.58	2.94	3.87	11.2	6.80B	6
7	5.80B	4.43B	5.60B	103	50.7	22.8	26.7	4.25	2.97	6.03	11.2	6.80B	7
8	5.70B	4.41B	5.55B	93.3	51.8	23.1	24.2	4.05	3.32	6.97	11.1	6.50B	8
9	5.65B	4.40B	5.40B	91.3	48.9	23.5	21.9	4.02	3.49	6.89	10.8	6.20B	9
10	5.60B	4.38B	5.30B	90.1	45.6	23.3	19.6	4.72	3.52	6.46	10.5	6.00B	10
11	5.55B	4.35B	5.20B	88.0	42.7	22.5	17.7	5.01	3.49	6.12	10.2	5.90B	11
12	5.50B	4.33B	5.10B	86.0	40.3	22.0	16.0	5.13	3.42	5.96	9.54	5.90B	12
13	5.45B	4.30B	5.00B	82.1	39.0	21.4	14.7	4.83	3.34	5.62	9.00B	6.00B	13
14	5.40B	4.30B	4.90B	84.5	38.2	20.5	13.1	4.32	3.28	5.42	8.90B	6.20B	14
15	5.35B	4.38B	4.80B	91.2	36.7	23.2	12.0	4.03	3.22	5.40	8.80B	6.30B	15
16	5.30B	4.55B	4.70B	89.8	34.9	29.5	11.1	3.85	3.13	5.40	8.60B	6.10B	16
17	5.25B	4.70B	4.60B	84.8	33.0	34.2	10.4	3.72	3.04	5.42	8.61	6.00B	17
18	5.20B	4.95B	4.55B	80.4	31.0	34.7	9.76	3.68E	2.97	7.69	8.54	5.90B	18
19	5.15B	5.10B	4.45B	76.1	29.1	34.9	9.43	3.55E	2.91	11.6	8.42	5.90B	19
20	5.10B	5.35B	4.40B	70.8	27.5	32.4	8.88	3.47E	2.88	13.2	8.09	5.80B	20
21	5.05B	5.60B	4.35B	65.1	25.8	29.6	8.14	3.42	2.86	14.3	7.40B	5.90B	21
22	5.00B	5.90B	4.28B	59.8	24.2	27.8	7.43	3.30	2.81	14.0	7.10B	6.00B	22
23	4.95B	6.20B	4.25B	56.0	22.9	26.0	7.01	3.31	2.78	14.0	6.90B	6.20B	23
24	4.90B	6.40B	4.23B	54.6	22.0	26.0	6.61	3.35	2.74	13.7	6.80B	6.10B	24
25	4.90B	6.80B	4.20B	51.8	21.2	33.3	6.43	3.26	2.70	13.1	6.90B	6.00B	25
26	4.85B	7.09B	4.25B	48.5	21.5	35.2	6.25	3.19	2.72	12.5	7.30B	5.90B	26
27	4.80B	6.90B	4.30B	45.8	21.7	33.3	5.83	3.18	2.78	11.9	7.80B	5.90B	27
28	4.75B	6.75B	4.40B	44.0	21.1	30.3	5.43	3.09	3.03	11.4	7.80B	5.80B	28
29	4.70B		6.00B	42.6	20.2	32.1	5.04	3.10	2.87	11.0	7.60B	5.80B	29
30	4.68B		11.0 B	41.1	19.7	59.7	4.71	3.17	2.72	10.6	7.40B	5.70B	30
31	4.65B		23.0 B		18.7		4.46	3.19		10.5		5.70B	31
TOTAL	165.48	142.73	180.41	2 182.0	1 022.4	824.3	518.21	121.68	91.66	253.37	270.00	194.20	TOTAL
MEAN	5.34	5.10	5.82	72.7	33.0	27.5	16.7	3.93	3.06	8.17	9.00	6.26	MEAN
MAX	6.20	7.09	23.0	119	51.8	59.7	54.4	5.13	3.52	14.3	11.2	7.60	MAX
MIN	4.65	4.30	4.20	32.0	18.7	17.5	4.46	3.09	2.70	2.79	6.80	5.70	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.3
MAXIMUM DAILY, 119 ON APR 5
MINIMUM DAILY, 2.70 ON SEP 25
MAXIMUM INSTANTANEOUS,
123 AT 23:01 EST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 58 07 N
LONG 83 25 00 W
DRAINAGE AREA, 1 440 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 300	JUL	44 800
FEB	12 300	AUG	10 500
MAR	15 600	SEP	7 920
APR	189 000	OCT	21 900
MAY	88 300	NOV	23 300
JUN	71 200	DEC	16 800

TOTAL DISCHARGE, 516 000 dam³

AUSABLE RIVER NEAR SPRINGBANK - STATION NO. 02FF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.15 B	1.30B	37.5	17.2	16.4	3.10	1.71	0.750	28.7 E	16.3	16.0	11.7	1
2	2.10 B	1.35B	33.0	14.5	12.6	2.65	1.48	0.634	70.5	42.3	12.6	16.0	2
3	2.05 B	1.50B	24.6	11.9	9.91	2.36	1.25	0.589	47.6	28.5	10.5	16.9	3
4	1.95 B	1.75B	18.6	10.0	7.98	2.24	1.12	0.713	45.0	20.1	8.92	15.6	4
5	1.80 B	1.82B	15.1	8.58	6.80	1.83	1.09	1.07	60.1	15.4	7.88	13.8	5
6	1.72 B	1.76B	12.8	7.41	6.01	1.61	1.02	0.911	27.9	21.3	9.68	11.7	6
7	1.62 B	1.70B	11.5	6.34	5.33	1.43	0.942	0.606	20.3	27.0	25.2	10.3	7
8	1.55 B	1.60B	10.4	5.57	4.73	1.29	0.961	0.539	14.3	28.7	16.6	12.4	8
9	1.45 B	1.55B	10.2	5.10	4.25	1.47	0.853	0.802	9.76	24.1	13.1	16.1	9
10	1.38 B	1.50B	11.5	4.75	4.12	1.50	0.728	0.776	7.01	18.9	10.7	14.7 B	10
11	1.30 B	3.00B	13.0	4.54	6.05	1.58	0.647	0.567	5.35	14.7	9.83	12.6 B	11
12	1.25 B	7.40B	13.1	4.88	24.2	1.42	0.608	0.491	4.41	11.3	7.63	10.4 B	12
13	1.15 B	7.80B	13.4	4.70	33.6	1.22	0.593	0.471	3.69	8.90	6.64	8.50B	13
14	1.12 B	8.10B	12.5	9.41	26.0	1.22	0.542	0.439	3.39	7.33	5.93	7.62	14
15	1.10 B	8.00B	11.2	17.8	18.1	1.31	0.507	0.444	3.84	6.31	5.47	7.00	15
16	1.07 B	7.70B	10.7	15.7	14.1	1.28	0.489	0.508	2.98	5.64	5.15	6.65	16
17	1.04 B	13.0 B	9.40	14.4	11.7	1.18	0.490	0.525	2.71	5.12	4.92	6.21	17
18	1.00 B	32.0 B	7.96	16.0	9.87	1.12	0.580	0.524	5.19	6.39	4.69	5.00B	18
19	0.990B	70.0 B	7.12	13.8	8.31	1.01	0.930	0.593	5.04	12.9	4.50	4.50B	19
20	0.980B	125 B	6.52	11.6	7.09	0.968	0.759	0.526	4.22	17.8	6.51	4.10B	20
21	0.970B	170 B	6.27	9.58	6.06	1.91	0.586	0.445	4.47	14.5	21.9	3.90B	21
22	0.960B	163	6.05	8.03	5.28	5.89	0.536	0.374	21.0	23.3	23.1	3.90B	22
23	0.950B	182	6.71	10.1	4.63	11.9	0.478	0.352	21.7	53.6	19.8	4.30B	23
24	0.970B	223	7.95	13.5	4.11	10.8	0.441	0.346	11.6	38.5	16.1	5.10B	24
25	0.980B	157	8.95	13.1	3.76	7.88	0.432	0.339	8.02	25.3	12.6	6.50B	25
26	1.00 B	84.2	9.98	10.2	3.58	5.88	0.415	0.340	6.40	20.8	10.3	5.60B	26
27	1.15 B	41.2	13.5	8.34	3.63	4.06	0.404	0.339	5.61	20.5	15.1	5.00B	27
28	1.30 B	31.5	16.7	13.4	3.88	2.84	0.533	0.479	6.34	44.7	17.1	4.60B	28
29	1.60 B		20.3	35.1	3.79	2.14	0.988	3.27 E	6.29	40.9	15.8	4.20B	29
30	1.55 B		17.7	22.7	3.34	1.73	0.930	2.57 E	5.35	30.0	13.8	4.00B	30
31	1.35 B		18.8		3.29		0.778	13.2 E		21.8		3.90B	31
TOTAL	41.550	1 349.93	423.01	348.23	282.50	86.818	23.820	34.527	468.98	673.39	357.04	262.78	TOTAL
MEAN	1.34	48.2	13.6	11.6	9.11	2.89	0.768	1.11	15.6	21.7	11.9	8.48	MEAN
MAX	2.15	223	37.5	35.1	33.6	11.9	1.71	13.2	70.5	53.6	25.2	16.9	MAX
MIN	0.950	1.30	6.05	4.54	3.29	0.968	0.404	0.339	2.71	5.12	4.50	3.90	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.9
MAXIMUM DAILY, 223 ON FEB 24
MINIMUM DAILY, 0.339 ON AUG 25
MAXIMUM INSTANTANEOUS,
244 AT 05:13 EST ON FEB 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 04 20 N
LONG 81 39 35 W
DRAINAGE AREA, 865 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 590	JUL	2 060
FEB	117 000	AUG	2 980
MAR	36 500	SEP	40 500
APR	30 100	OCT	58 200
MAY	24 400	NOV	30 800
JUN	7 500	DEC	22 700

TOTAL DISCHARGE, 376 000 dam³

AUX SABLES RIVER AT MASSEY - STATION NO. 02CE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.40B	3.90B	21.6	47.7	33.9	14.1E	25.6	5.97	6.59	4.18	11.1	10.5	1
2	6.10B	3.90B	20.2	62.4	31.5	13.0E	24.2	5.78	6.02	5.11	10.7	12.7	2
3	5.90B	3.90B	18.8	69.8	29.1	13.9E	22.4	5.83	5.28	5.41	10.3	14.5	3
4	5.80B	3.90B	17.6	90.9	28.2	15.6E	21.1	6.23	5.01	5.32	10.0	14.1	4
5	5.60B	4.00B	16.5	152	27.9	17.8E	20.1	6.96	5.28	5.19	9.68	13.5	5
6	5.50B	4.00B	15.6	158	27.5	18.3E	19.4	6.69	5.49	5.28	9.67	12.8	6
7	5.40B	4.00B	14.8	127	26.5	18.0E	18.4	6.18	5.23	6.06	10.2	12.7	7
8	5.20B	4.00B	14.1	101	25.2	17.8E	17.6	5.97	5.05	6.73	10.4	12.2	8
9	5.20B	4.00B	13.4	94.4	23.9	17.3E	16.5	5.90	5.19	6.57	9.94	12.1	9
10	5.10B	4.10B	12.9	88.2	22.7	17.0E	15.4	6.06	5.63	5.97	9.62	11.2 B	10
11	5.00B	4.10B	12.4	78.2	21.9	16.4E	14.3	5.74	5.67	5.53	9.35	10.8 B	11
12	4.90B	4.10B	12.0	69.9	21.9	15.5	13.2	5.49	6.00	5.26	8.92	10.2 B	12
13	4.80B	4.20B	11.2 B	62.6	22.5	14.8	12.4	5.55	6.08	5.02	8.60	9.70B	13
14	4.80B	4.30B	10.7 B	60.2	22.7	14.1	11.8	5.74	5.99	4.85	9.10	9.60B	14
15	4.70B	4.50B	10.3 B	65.5	22.1	15.3	11.1	5.60	5.65	4.88	9.05	9.70B	15
16	4.70B	4.80B	9.90B	64.7	21.3	24.5	10.6	5.39	5.29	5.05	8.83	9.40B	16
17	4.60B	5.00B	9.60B	61.5	20.3	30.7	9.94	5.20	4.99	5.26	8.92	9.00B	17
18	4.60B	5.40B	9.40B	58.6	19.3	29.2	9.60	5.05	4.75	9.19	9.90	8.85B	18
19	4.50B	5.80B	9.40B	55.1	18.4	27.9	9.18	4.82	4.57	22.6	12.7	8.65B	19
20	4.50B	6.40B	9.80B	51.2	17.4	25.9	8.93	4.63	4.42	25.1	16.1	8.45B	20
21	4.40B	7.20B	11.3 B	47.2	16.6	22.3	9.87	4.46	4.33	21.1	15.7	8.40B	21
22	4.40B	8.80B	12.4	43.4	16.0	21.4	9.93	4.47	4.20	18.5	14.1	8.94	22
23	4.30B	9.20B	12.5	41.3	15.4	22.3	8.99	6.18	4.10	16.9	12.1	9.61	23
24	4.30B	14.5	12.9	43.6	14.7	22.0	8.28	6.70	4.04	15.7	11.9	9.33	24
25	4.20B	19.7	13.6	44.7	15.1	22.7	7.87	6.43	3.98	14.9	11.2	8.88	25
26	4.20B	21.8	14.4	41.9	16.1	24.0	7.51	6.12	3.99	14.5	12.2	8.55B	26
27	4.10B	22.9	14.9	38.8	16.6E	24.0	7.28	5.75	4.36	14.1	12.4	8.25B	27
28	4.10B	23.1	15.8	36.6	16.3E	23.2	7.08	5.52	4.36	13.4	12.4	8.00B	28
29	4.00B		17.5	36.5	16.0E	23.2	6.91	5.53	4.18	12.8	11.8	7.90B	29
30	4.00B		23.3	35.6	15.4E	24.8	6.58	5.80	4.02	12.2	11.3	7.70B	30
31	4.00B		36.0		14.8E		6.21	6.51		11.6		7.50B	31
TOTAL	149.30	215.50	454.80	2 028.5	657.2	607.0	398.26	178.25	149.74	314.26	328.19	313.71	TOTAL
MEAN	4.82	7.70	14.7	67.6	21.2	20.2	12.8	5.75	4.99	10.1	10.9	10.1	MEAN
MAX	6.40	23.1	36.0	158	33.9	30.7	25.6	6.96	6.59	25.1	16.1	14.5	MAX
MIN	4.00	3.90	9.40	35.6	14.7	13.0	6.21	4.46	3.98	4.18	8.60	7.50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.9
MAXIMUM DAILY, 158 ON APR 6
MINIMUM DAILY, 3.90B ON FEB 1
MAXIMUM INSTANTANEOUS,
165 AT 01:40 EST ON APR 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 12 54 N
LONG 82 04 14 W
DRAINAGE AREA, 1 350 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12 900	JUL	34 400
FEB	18 600	AUG	15 400
MAR	39 300	SEP	12 900
APR	175 000	OCT	27 200
MAY	56 800	NOV	28 400
JUN	52 400	DEC	27 100

TOTAL DISCHARGE, 500 000 dam³

AVON RIVER BELOW STRATFORD - STATION NO. 02GD018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.385B	0.400B	6.38	3.85	1.82	0.104	0.467	0.246	3.87	2.95	3.01	1.32	1
2	0.380B	0.450B	4.17	2.58	1.14	0.347	0.392	0.224	7.76	3.79	2.00	3.96	2
3	0.378B	0.480B	2.58 B	1.91	0.745	0.742	0.314	0.229	5.04	2.19	2.14	3.06	3
4	0.372B	0.480B	2.00 B	1.58	0.603	0.851	0.397	0.180E	17.7	1.33	1.94	1.96	4
5	0.370B	0.460B	1.70	1.16	0.531	0.756	0.509	0.320E	7.89	0.905	1.78	1.27	5
6	0.368B	0.420B	1.39	0.829	0.478	0.683	0.436	0.290E	4.55	2.86	2.15	0.900	6
7	0.363B	0.385B	1.06	1.79	0.367	0.542	0.356	0.270E	3.36	5.41	1.76	0.830	7
8	0.360B	0.370B	0.911	0.625	0.323	0.586	0.299	0.250E	2.03	3.37	1.42	0.826	8
9	0.358B	0.365B	1.00	0.129	0.283	0.964	0.295	0.230E	1.15	2.13	1.28	0.500B	9
10	0.353B	0.368B	0.999	0.089	0.618	0.774	0.300	0.220E	0.667	1.32	1.18	0.380B	10
11	0.350B	0.460B	1.36	0.169	2.67	0.671	0.245	0.215E	0.420	0.784	1.13	0.320B	11
12	0.349B	0.600B	1.40	0.098	2.53	0.585	0.195	0.254	0.279	0.555	0.973	0.280B	12
13	0.348B	0.849B	1.99	0.083	1.66	0.596	0.179	0.246	0.203	0.471	0.858	0.220B	13
14	0.348B	1.45 B	1.00 B	2.51	1.20	1.38	0.221	0.241	0.210	0.426	0.721	0.230B	14
15	0.342B	1.30 B	0.800B	2.76	1.19	0.627	0.198	0.944	0.177	0.383	0.706	0.210B	15
16	0.340B	1.20 B	0.640B	0.944	1.75	0.834	0.198	0.391	0.148	0.355	1.88	0.195B	16
17	0.338B	5.00 B	0.500B	2.37	1.21	0.907	0.213	0.245	0.226	0.276	4.92	0.170B	17
18	0.335B	15.0 B	0.420B	2.32	0.707	0.480	0.362	0.255	0.174	1.48	0.362	0.145B	18
19	0.332B	40.0 B	0.380B	1.49	0.552	0.463	0.289	0.258	0.137	2.74	0.343	0.122B	19
20	0.330B	21.3	0.368B	1.12	1.32	0.462	0.242	0.255	0.126	2.45	3.07	0.105B	20
21	0.330B	17.3	0.365B	0.758	0.138	1.83	0.253	0.228	0.268	2.62	5.63	0.095B	21
22	0.330B	14.7	0.390B	0.625	0.140	4.95	0.257	0.215	0.772	6.50	3.68	0.240B	22
23	0.330B	28.8	0.560	1.47	0.230	3.35	0.219	0.177	0.370	9.32	2.52	0.265B	23
24	0.330B	19.8	0.577	2.69	0.193	1.84	0.190	0.177	0.266	5.42	1.85	0.215B	24
25	0.330B	9.74	0.683	2.08	0.230	1.26	0.186	0.234	0.215	4.91	1.29	0.160B	25
26	0.336B	6.08	1.07	1.30	0.233	0.731	0.413	0.241	0.215	4.63	1.02	0.130B	26
27	0.390B	4.20	4.55	0.909	0.280	0.502	0.308	0.287	0.293	6.28	2.66	0.120B	27
28	0.390B	6.88	3.46	3.15	0.241	0.392	2.50	0.665	0.231	10.8	2.32	0.110B	28
29	0.380B		2.59	3.93	0.196	0.344	1.14	0.405	0.185	6.18	1.60	0.100B	29
30	0.355B		4.55	2.74	0.183	0.360	0.424	5.33	0.177	4.55	1.17	0.095B	30
31	0.400B		6.08		0.121		0.292	6.18		3.66		0.090B	31
TOTAL	11.000	198.837	55.923	48.058	23.882	28.913	12.289	19.902	59.109	101.045	57.363	18.623	TOTAL
MEAN	0.355	7.10	1.80	1.60	0.770	0.964	0.396	0.642	.97	3.26	1.91	0.601	MEAN
MAX	0.400	40.0	6.38	3.93	2.67	4.95	2.50	6.18	17.7	10.8	5.63	3.96	MAX
MIN	0.330	0.365	0.365	0.083	0.121	0.104	0.179	0.177	0.126	0.276	0.343	0.090	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.74
MAXIMUM DAILY, 40.0B ON FEB 19
MINIMUM DAILY, 0.083 ON APR 13

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 20 42 N
LONG 81 06 58 W
DRAINAGE AREA, 144 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	950	JUL 1 060	
FEB 17	200	AUG 1 720	
MAR 4	830	SEP 5 110	
APR 4	150	OCT 8 730	
MAY 2	060	NOV 4 960	
JUN 2	500	DEC 1 610	

TOTAL DISCHARGE, 54 900 dam³

BALL LAKE AT BALL LAKE LODGE - STATION NO. 05QE013

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	318.514A	---	---	318.895	---	---	1
2	---	---	---	---	---	---	318.528	---	318.517A	318.895	---	---	2
3	---	---	---	---	---	---	318.541	---	318.524	318.910	---	---	3
4	---	---	---	---	---	---	318.548	---	318.494	318.927	---	---	4
5	---	---	---	---	---	---	318.569	---	318.476	318.947	---	---	5
6	---	---	---	---	---	---	318.580	---	318.516	318.954	---	---	6
7	---	---	---	---	---	---	318.596	---	318.600	318.964	---	---	7
8	---	---	---	---	---	---	318.596	---	313.615	318.963	---	---	8
9	---	---	---	---	---	318.213A	318.597	---	318.632	318.979	---	---	9
10	---	---	---	---	---	---	318.590	---	318.666	318.984	---	---	10
11	---	---	---	---	---	---	318.571	---	318.716	318.984	---	---	11
12	---	---	---	---	---	---	318.573	---	318.728	319.012	---	---	12
13	---	---	---	---	---	---	318.577	---	318.722	319.014	---	---	13
14	---	---	---	---	---	---	318.551	---	318.742	319.011	---	---	14
15	---	---	---	---	---	---	318.538	---	318.757	319.015A	---	---	15
16	---	---	---	---	---	---	318.523A	---	318.764	319.017E	---	---	16
17	---	---	---	---	---	---	---	---	318.764	319.020E	---	---	17
18	---	---	---	---	---	---	---	---	318.779	319.023E	---	---	18
19	---	---	---	---	---	---	---	---	318.779	319.026E	---	---	19
20	---	---	---	---	---	---	---	---	318.780	319.029E	---	---	20
21	---	---	---	---	---	---	---	---	318.768	319.032E	---	---	21
22	---	---	---	---	---	---	---	---	318.770	319.035E	---	---	22
23	---	---	---	---	---	---	---	---	318.769	319.038E	---	---	23
24	---	---	---	---	---	---	---	---	318.770	319.041E	---	---	24
25	---	---	---	---	---	---	---	---	318.776	319.045E	---	---	25
26	---	---	---	---	---	---	---	---	318.789	319.048E	---	---	26
27	---	---	---	---	---	---	---	---	318.834	319.051A	---	---	27
28	---	---	---	---	---	---	---	---	318.839	319.050E	---	---	28
29	---		---	---	---	---	---	---	318.838	319.049E	---	---	29
30	---		---	---	---	---	---	---	318.849	319.048E	---	---	30
31	---		---		---		---	---		319.047E		---	31
MEAN	---	---	---	---	---	---	---	---	---	319.002	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	319.051	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	318.895	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 17 05 N
LONG 93 58 55 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

BASSWOOD RIVER NEAR WINTON - STATION NO. 05PA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.1	16.8	16.1	27.2	167	82.1	81.8	36.2	17.3	9.29	32.8	26.3	1
2	23.8	16.4	16.1	28.9	174	86.1	81.8	34.8	16.8	9.15	33.4	26 0	2
3	23.5	16.1	16.1	30.9	181	88.9	81.8	34.5	16.4	9.00	33.7	25.9	3
4	23.2	15.7	16.1	33.1	186	92.0	82.1	34.3	15.9	9.15	33.7	25.5	4
5	22.7	15.5	16.1	34.3	191	94.0	82.1	33.4	15.7	9.29	33.1	25.3	5
6	21.9	15.5	16.1	35.4	192	94.9	82.1	32 8	15.5	9.51	33.4	24.7	6
7	21.9	15.5	16.1	36.2	193	95.4	81.8	32.3	15.5	9.51	33.1	23.7	7
8	21.9	15.2	16.1	37.1	192	96.0	80.7	31.4	14.8	9.51	32.3	23.0	8
9	21.4	15.0	16.1	38.2	190	97.4	79.3	30.9	14.4	9.40	32.3	22.3	9
10	21.1	14.8	16.1	40.2	184	99.1	77.9	30.6	14.0	9.51	31.7	21.4	10
11	21.1	14.6	16.1	42.2	179	100	75.0	29.2	13.6	9.66	31.4	22.0	11
12	20.8	14.6	15.9	45.0	174	102	73.3	28.6	13.0	9.80	31.4	21.9	12
13	20.6	14.4	15.9	48.1	168	102	70.5	27.8	12.7	10.2	31.4	21.5	13
14	20.3	14.4	16.1	53.0	161	102	67.4	26.9	12.2	10.9	31.1	21.1	14
15	20.1	14.4	15.9	58.6	154	100	64.0	26.1	11.7	11.0	30.9	20.6	15
16	19.8	14.2	15.9	64.0	147	98.0	60.6	25.2	11.0	11.3	30.6	20.1	16
17	19.3	14.0	15.9	68.8	140	96.0	59.5	24.4	10.8	12.2	30.0	19.6	17
18	19.3	14.2	15.9	72.5	133	90.3	57.8	23.8	10.2	13.0	30.0	19.3	18
19	18.8	14.0	16.4	75.9	127	86.9	55.2	23.2	9.91	14.0	29.4	19.1	19
20	18.5	14.0	16.8	79.9	120	83.8	53.0	22.9	9.66	15.2	28.9	19.0	20
21	18.5	14.0	17.5	83.8	113	80.4	50.7	21.6	9.40	16.4	28.6	19.2	21
22	18.0	15.2	18.3	88.1	105	77.9	48.4	21.9	9.15	18.4	28.6	18.9	22
23	17.8	15.9	18.5	98.0	99.1	75.9	47.6	21.4	8.89	20.7	28.1	18.8	23
24	17.8	15.9	19.1	109	97.1	76.5	47.0	21.4	8.64	23.3	27.7	18.6	24
25	17.5	15.7	19.6	118	96.6	76.5	45.3	20.8	8.64	24.9	27.7	18.4	25
26	17.3	15.7	19.6	125	94.6	76.5	43.9	20.3	8.64	26.8	28.1	18.3	26
27	17.0	15.9	20.1	133	92.0	76.5	42.5	19.8	8.52	27.8	27.8	18.3	27
28	16.8	16.1	21.4	141	89.5	78.4	41.1	19.6	8.52	29.4	27.5	18.3	28
29	16.8		22.7	150	86.9	80.4	39.6	19.1	8.41	31.6	27.2	18.3	29
30	16.6		24.6	159	84.1	81.3	38.5	18.5	8.78	31.7	26.8	18.3	30
31	16.6		25.8		81.8		37.4	18.3		32.3		18.3	31
TOTAL	614.8	423.7	549.0	2 154.4	4 392.7	2 667.2	1 929.7	812.0	358.66	492.88	912.7	652.0	TOTAL
MEAN	19.8	15.1	17.7	71.8	142	88.9	62.2	26.2	12.0	15.9	30.4	21.0	MEAN
MAX	24.1	16.8	25.8	159	193	102	82.1	36.2	17.3	32.3	33.7	26.3	MAX
MIN	16.6	14.0	15.9	27.2	81.8	75.9	37.4	18.3	8.41	9.00	26.8	18.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 43.7
MAXIMUM DAILY, 193 ON MAY 7
MINIMUM DAILY, 8.41 ON SEP 29
MAXIMUM INSTANTANEOUS,
194 AT 06:00 CST ON MAY 7

SUMMARY FOR THE YEAR 1981

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 04 55 N
LONG 91 39 10 W
DRAINAGE AREA, 4 510 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	53 100	JUL	167 000
FEB	36 600	AUG	70 200
MAR	47 400	SEP	31 000
APR	186 000	OCT	42 600
MAY	380 000	NOV	78 900
JUN	230 000	DEC	56 300

TOTAL DISCHARGE, 1 380 000 dam³

BATCHAWANA RIVER NEAR BATCHAWANA - STATION NO. 02BF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.10B	5.80B	12.8 B	132 B	41.6	15.9E	31.3	5.81	3.17	2.54	16.3	7.81B	1
2	7.00B	5.80B	12.2 B	154	38.1	19.0E	26.3	8.24	3.42	2.74	18.3	8.50B	2
3	7.00B	5.80B	12.0 B	155	37.3	28.0E	22.4	7.02	3.15	2.88	18.2	8.10B	3
4	7.00B	5.80B	11.6 B	197	42.9	41.0E	20.1	7.19	2.96	2.83	16.8	7.80B	4
5	6.90B	5.80B	11.1 B	219	80.9	35.5E	18.6	7.69	2.82	2.88	15.6	7.50B	5
6	6.90B	5.80B	10.9 B	192	107	32.0E	16.4	6.88	2.76	4.27	17.7	7.20B	6
7	6.80B	5.80B	10.5 B	155	92.4	30.0E	14.5	6.10	2.70	6.98	18.6	7.00B	7
8	6.70B	5.80B	10.1 B	126	72.1	30.3E	13.2	5.50	2.84	8.52	17.7	6.80B	8
9	6.70B	5.80B	9.90B	110	57.0	31.0E	12.0	5.04	2.89	8.38	15.9	6.60B	9
10	6.60B	5.80B	9.60B	112	46.7	30.0E	10.9	5.28	3.16	7.58	14.7	6.50B	10
11	6.60B	5.90B	9.40B	119	39.9	28.5E	9.87	5.00	3.20	6.67	13.7	6.45B	11
12	6.50B	6.00B	9.20B	125	34.1	27.0E	9.07	4.96	3.16	6.04	12.5	6.40B	12
13	6.50B	6.20B	9.00B	119	30.5	26.5E	8.48	4.92	3.06	5.48	11.7 B	6.40B	13
14	6.40B	6.50B	8.80B	146	28.4	26.0E	7.83	4.64	2.88	6.28	11.1 B	6.55B	14
15	6.40B	6.90B	8.60B	141	26.3	35.0E	7.31	4.83	2.73	8.37	10.9	6.60B	15
16	6.30B	7.30B	8.40B	118	24.0	46.0E	6.69	4.60	2.60	7.45	10.7	6.55B	16
17	6.30B	7.80B	8.20B	107	22.0	51.0E	6.48	4.19	2.47	7.43	10.2	6.45B	17
18	6.30B	8.20B	8.00B	102	20.3	53.0E	6.28	3.90	2.37	13.2	10.7	6.35B	18
19	6.20B	8.70B	7.80B	90.8	18.6E	40.0E	5.90	3.70	2.31	16.7 E	10.7	6.30B	19
20	6.20B	9.30B	7.70B	75.9	17.9E	34.0E	5.66	3.41	2.21	20.5 E	10.3	6.25B	20
21	6.10B	9.80B	7.60B	62.3	17.0E	28.0E	5.36	3.26	2.16	23.3	9.30	6.20B	21
22	6.10B	10.4 B	7.50B	53.0	16.0E	25.0E	4.99	3.18	2.14	22.5	8.70B	6.40B	22
23	6.10B	11.1 B	7.40B	49.3	15.2E	23.6E	4.77	3.11	2.08	20.4	8.30B	6.60B	23
24	6.00B	12.0 B	7.40B	53.5	14.6E	26.1	4.54	2.98	2.06	18.1	7.90B	6.50B	24
25	6.00B	12.8 B	7.40B	52.5	14.0E	38.8	4.73	2.83	2.03	16.1	7.60B	6.40B	25
26	6.00B	13.6 B	7.50B	49.6	15.2E	36.6	4.60	2.79	2.05	14.6	7.40B	6.35B	26
27	6.00B	13.4 B	7.80B	46.5	21.5E	32.1	4.32	3.02	2.24	13.3	7.40B	6.25B	27
28	5.90B	13.2 B	10.0 B	45.7	19.5E	27.8	4.15	2.86	2.52	12.7	7.60B	6.20B	28
29	5.90B		20.0 B	45.3	18.3E	35.5	3.99	2.84	2.42	12.3	8.00B	6.10B	29
30	5.80B		50.0 B	44.4	17.0E	36.1	3.79	3.19	2.31	11.8	7.60B	6.05B	30
31	5.80B		92.0 B		16.4E		3.64	3.08		12.7		6.00B	31
TOTAL	198.10	227.10	420.40	3 197.8	1 062.7	969.3	308.15	142.04	78.87	325.52	362.10	207.16	TOTAL
MEAN	6.39	8.11	13.6	107	34.3	32.3	9.94	4.58	2.63	10.5	12.1	6.68	MEAN
MAX	7.10	13.6	92.0	219	107	53.0	31.3	8.24	3.42	23.3	18.6	8.50	MAX
MIN	5.80	5.80	7.40	44.4	14.0	15.9	3.64	2.79	2.03	2.54	7.40	6.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.5
MAXIMUM DAILY, 219 ON APR 5
MINIMUM DAILY, 2.03 ON SEP 25
MAXIMUM INSTANTANEOUS,
223 AT 05:28 EST ON APR 5

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 59 36 N
LONG 84 31 31 W
DRAINAGE AREA, 1 190 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	17 100	JUL	26 600
FEB	19 600	AUG	12 300
MAR	36 300	SEP	6 810
APR	276 000	OCT	28 100
MAY	91 800	NOV	31 300
JUN	83 700	DEC	17 900

TOTAL DISCHARGE, 648 000 dam³

BAYFIELD RIVER NEAR VARNA - STATION NO. 02FF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.606B	0.843B	24.3	10.8	6.78	1.53	0.552	0.257	3.79	7.98	6.81	7.32	1
2	0.594B	0.884B	15.2	7.93	4.94	1.47	0.468	0.205	5.75	20.4	5.55	15.3	2
3	0.582B	0.943B	10.5	6.06	3.94	1.65	0.519	0.176	6.45	16.1	4.61	13.6	3
4	0.567B	0.926B	8.47	5.00	3.33	1.64	0.450	0.219	16.1	9.48	3.97	10.4	4
5	0.553B	0.905B	7.18	4.21	2.96	1.52	0.671	0.329	28.7	6.46	3.65	8.14	5
6	0.544B	0.882B	5.92	3.44	2.72	1.41	1.77	0.256	18.3	12.7	5.16	6.80	6
7	0.535B	0.864B	5.12	2.93	2.37	1.28	1.31	0.260	9.12	28.4	7.31	6.31	7
8	0.522B	0.838B	4.70	2.69	2.19E	1.16	0.800	0.201	5.43	25.1	5.72	9.35	8
9	0.508B	0.805B	5.67	2.59	2.90E	1.19	0.588	0.174	3.68	14.2	4.41	8.95	9
10	0.499B	0.782B	6.97	2.29	8.62E	1.08	0.419	0.148	2.63	8.90	3.66	6.55	10
11	0.492B	1.96 B	7.02	2.34	45.8 E	0.988	0.324	0.131	2.00	6.29	3.28	4.78B	11
12	0.478B	3.78 B	6.44	2.27	37.9 E	0.808	0.261	0.132	1.55	4.61	2.86	4.02B	12
13	0.469B	6.62 B	6.95	2.23	20.7	0.754	0.231	0.123	1.23	3.69	2.58	3.61	13
14	0.461B	9.80 B	4.55B	12.5	12.2	0.795	0.190	0.109	1.02	3.12	2.39	3.29	14
15	0.450B	10.5 B	4.23B	13.7	9.66	0.840	0.191	0.563	0.877	3.62	2.31	3.09	15
16	0.446B	10.9 B	3.61B	8.60	8.13	0.715	0.184	0.702	0.796	4.41	2.26	2.89	16
17	0.438B	16.6 B	3.18B	8.23	6.53	0.681	0.170	0.555	1.46	3.97	2.21	2.59	17
18	0.427B	25.8 B	2.93B	7.70	5.05	0.596	0.157	0.389	2.03	12.2	2.12	2.42B	18
19	0.418B	56.0 B	2.80B	5.82	4.21	0.518	0.175	0.316	1.76	20.1	2.06	2.36B	19
20	0.412B	127 B	2.69B	4.67	3.55	0.461	0.170	0.202	1.41	16.7	6.53	2.29B	20
21	0.401B	120 B	2.61B	3.80	3.03	0.592	0.163	0.162	1.28	11.8	15.3	3.02B	21
22	0.394B	95.8	2.60	3.42	2.68	1.60	0.138	0.140	2.70	15.6	14.1	5.58B	22
23	0.385B	160	3.34	3.81	2.37	2.42	0.120	0.122	3.09	24.0	9.59	4.64B	23
24	0.379B	99.7	6.33	4.23	2.22	1.95	0.111	0.110	2.52	21.7	7.00	4.05B	24
25	0.372B	43.0	8.38	3.92	2.31	1.66	0.115	0.092	2.02	17.8	5.37	3.52B	25
26	0.470B	24.1	8.36	3.31	2.14	1.26	0.118	0.089	1.80	16.5	4.76	3.15B	26
27	0.672B	16.8	22.8	2.92	2.05	0.975	0.130	0.096	1.99	16.9	19.1	2.82B	27
28	0.775B	24.8	19.3	6.97	2.11	0.795	0.647	0.276	2.05	24.8	15.6	2.54B	28
29	0.864B		12.7	12.1	1.96	0.674	0.977	0.476	1.82	18.3	10.6	2.31B	29
30	0.838B		12.3	9.77	1.87	0.609	0.593	0.526	1.61	11.6	7.81	2.02B	30
31	0.812B		14.0		1.70		0.341	1.56		8.50		2.13B	31
TOTAL	16.363	861.832	251.15	170.25	218.92	33.621	13.053	9.096	134.963	415.93	188.68	159.84	TOTAL
MEAN	0.528	30.8	8.10	5.68	7.06	1.12	0.421	0.293	4.50	13.4	6.29	5.16	MEAN
MAX	0.864	160	24.3	13.7	45.8	2.42	1.77	1.56	28.7	28.4	19.1	15.3	MAX
MIN	0.372	0.782	2.60	2.23	1.70	0.461	0.111	0.089	0.796	3.12	2.06	2.02	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.78
MAXIMUM DAILY, 160 ON FEB 23
MINIMUM DAILY, 0.089 ON AUG 26
MAXIMUM INSTANTANEOUS,
195 AT 14:34 EST ON FEB 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 33 03 N
LONG 81 35 22 W
DRAINAGE AREA, 466 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 410	JUL	1 130
FEB	74 500	AUG	786
MAR	21 700	SEP	11 700
APR	14 700	OCT	35 900
MAY	18 900	NOV	16 300
JUN	2 900	DEC	13 800

TOTAL DISCHARGE, 214 000 dam³

BEAR BROOK NEAR BOURGET - STATION NO. 02LB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.895B	0.890B	16.3	16.1	4.15	6.88	2.88	0.357	1.18	4.61	9.26	5.77	1
2	0.865B	0.970B	15.2	18.1	2.97	3.92	3.10	0.321	1.14	4.34	7.57	4.78	2
3	0.830B	1.07 B	10.2	13.3	2.40	2.92	2.47	0.397	1.24	4.39	6.27	3.95	3
4	0.800B	1.04 B	8.41	14.4	2.02	7.10	2.19	1.46	1.10	4.05	5.27	4.21	4
5	0.770B	1.02 B	7.03	19.6	1.96	21.4	2.48	35.0	1.00	3.48	4.63	4.08	5
6	0.751B	0.995B	5.34	13.8	1.90	16.2	3.15	36.6	0.982	3.05	5.47	2.83 B	6
7	0.740B	0.930B	4.48	8.51	1.57	10.3	2.08	25.3	0.873	4.41	9.65	3.94 B	7
8	0.715B	0.890B	4.81	6.14	1.39	5.59	1.45	13.3	1.60	11.2	11.3	3.46 B	8
9	0.701B	0.865B	5.70	5.39	1.22	5.88	1.13	5.02	45.5	8.47	10.7	2.88 B	9
10	0.688B	0.840B	5.92	6.44	1.16	6.19	1.16	4.30	47.5	5.58	8.58	2.62 B	10
11	0.680B	1.75 B	5.73	5.40	3.66	3.80	0.933	6.93	47.2	4.50	6.28	2.50 B	11
12	0.675B	5.70 B	4.91	4.45	16.8	2.82	0.735	25.6	36.2	3.55	5.51	2.45 B	12
13	0.670B	9.80 B	4.82	3.57	21.4	3.23	0.683	13.3	24.9	3.06	4.16	2.19 B	13
14	0.668B	9.30 B	4.72	3.75	13.0	3.52	1.74	5.90	14.3	2.74	4.23	2.00 B	14
15	0.665B	8.90 B	4.43	4.97	7.68	3.06	1.47	4.74	6.89	2.56	4.06	1.97 B	15
16	0.662B	8.50 B	4.91	4.10	16.0	7.28	0.907	14.4	4.57	2.49	4.00	1.95 B	16
17	0.660B	13.0 B	4.17	3.59	27.0	17.6	0.707	26.3	3.48	2.50	4.37	1.95 B	17
18	0.660B	26.0 B	3.71	3.98	19.7	17.2	0.711	15.2	3.16	2.99	7.97	1.95 B	18
19	0.658B	44.0 B	3.75	4.26	8.67	9.22	0.859	6.82	2.83	7.65	16.9	1.48 B	19
20	0.655B	87.6 B	2.85	3.48	5.10	6.16	0.796	3.96	2.73	5.97	13.4	1.27 B	20
21	0.654B	270	2.45	2.94	3.72	4.01	0.968	2.75	2.50	4.44	16.6	1.10 B	21
22	0.653B	236	2.62	2.63	3.09	26.6	0.863	2.17	2.26	4.05	22.1	1.07 B	22
23	0.652B	178	3.30	2.49	2.37	76.4	0.636	1.75	3.52	16.4	16.2	1.04 B	23
24	0.651B	142	4.63	3.04	1.94	50.0	0.513	1.61	14.4	22.8	8.84	1.02 B	24
25	0.650B	97.4	5.30	4.57	1.70	30.9	0.440	1.43	15.6	14.5	7.39	1.00 B	25
26	0.740B	71.0	5.13	4.60	1.89	16.7	0.409	1.33	8.52	13.3	5.12	0.990B	26
27	0.880B	46.6	5.89	3.49	4.27	7.15	0.399	1.14	14.7	26.1	5.21	0.985B	27
28	1.06 B	26.3	6.54	2.77	14.2	4.29	0.381	0.949	18.8	48.9	8.74	0.980B	28
29	1.09 B		5.39	3.65	22.2	3.04	0.446	1.06	11.4	38.4	7.68	0.975B	29
30	1.01 B		7.96	5.45	15.8	2.49	0.470	0.906	6.50	24.4	5.18	0.970B	30
31	0.950B		20.1		12.2		0.410	0.925		13.1		0.965B	31
TOTAL	23.398	1 291.360	196.70	198.96	243.13	381.85	37.566	261.225	346.575	317.98	252.64	69.325	TOTAL
MEAN	0.755	46.1	6.35	6.63	7.84	12.7	1.21	8.43	11.6	10.3	8.42	2.24	MEAN
MAX	1.09	270	20.1	19.6	27.0	76.4	3.15	36.6	47.5	48.9	22.1	5.77	MAX
MIN	0.650	0.840	2.45	2.49	1.16	2.49	0.381	0.321	0.873	2.49	4.00	0.965	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.92
MAXIMUM DAILY, 270 ON FEB 21
MINIMUM DAILY, 0.321 ON AUG 2
MAXIMUM INSTANTANEOUS,
282 AT 09:44 EST ON FEB 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 25 35 N
LONG 75 09 12 W
DRAINAGE AREA, 440 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 020	JUL	3 250
FEB	112 000	AUG	22 600
MAR	17 000	SEP	29 900
APR	17 200	OCT	27 500
MAY	21 000	NOV	21 800
JUN	33 000	DEC	5 990

TOTAL DISCHARGE, 313 000 dam³

BEAR CREEK ABOVE WILKESPORT - STATION NO. 02GG004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.250B	0.390B	13.5	5.57	23.4	0.837	0.237	0.277	13.6	18.0	13.1	8.70	1
2	0.247B	0.420B	13.7	5.03	15.6	0.758	0.247	0.148	10.1	41.2	8.64	14.5	2
3	0.245B	0.750B	12.8	4.27	9.09	0.700	0.235	0.102	5.57	69.7	6.42	18.4	3
4	0.242B	0.800B	10.1	3.42	5.83	0.680	0.199	0.113	5.38	94.0	5.22	13.5	4
5	0.240B	0.840B	7.34	2.68	4.09	0.626	0.156	0.132	8.12	70.9	4.31	10.8	5
6	0.239B	0.810B	5.39	2.12	3.13	0.571	0.139	0.110	16.0	47.0	3.68	7.85	6
7	0.237B	0.790B	4.29	1.70	2.46	0.499	0.116	0.114	23.8	25.6	3.37	5.61	7
8	0.236B	0.770B	3.46	1.41	2.00	0.443	0.104	0.148	24.2	15.9	3.27	4.40	8
9	0.235B	0.860B	3.20	1.23	1.66	0.415	0.092	0.156	13.1	15.9	5.78	3.74	9
10	0.234B	0.880B	3.38	1.12	1.54	0.379	0.136	0.109	5.95	13.6	8.07	2.99B	10
11	0.234B	2.70 B	3.95	1.08	6.01	0.364	0.306	0.110	3.44	9.90	5.82	3.13B	11
12	0.234B	6.40 B	4.61	1.22	13.0	0.323	0.214	1.48	4.16	6.98	4.07	3.47	12
13	0.233B	7.00 B	5.17	1.33	13.8	0.302	0.133	2.88	1.47	5.03	2.92	2.87	13
14	0.233B	6.50 B	4.97	5.51	11.7	0.322	0.095	2.12	1.05	3.89	2.36	2.54	14
15	0.233B	6.30 B	4.68	11.6	8.83	0.416	0.070	4.00	1.02	3.45	1.99	2.78	15
16	0.233B	7.00 B	4.14	13.2	7.42	0.751	0.057	5.09	0.886	3.06	1.74	3.26	16
17	0.232B	21.0 B	3.60	11.0	6.08	0.698	0.051	3.79	1.16	2.41	1.57	3.99	17
18	0.232B	41.3	3.12	16.1	5.08	0.560	0.062	5.65	3.60	2.57	1.53	3.50B	18
19	0.232B	73.4	2.67	22.6	4.14	0.586	0.068	6.06	8.01	4.71	1.51	3.10B	19
20	0.231B	108	2.19	21.2	3.24	0.552	0.065	3.56	15.6	8.47	1.59	3.00B	20
21	0.231B	97.4	1.93	12.3	2.54	0.436	0.084	1.67	17.6	11.3	9.95	2.85B	21
22	0.231B	72.8	1.79	7.24	2.05	0.441	0.107	0.898	14.2	11.6	14.5	2.70B	22
23	0.231B	57.3	1.68	10.5	1.70	0.459	0.084	0.617	12.7	17.7	17.9	2.60B	23
24	0.230B	52.2	1.64	18.0	1.44	0.581	0.055	0.417	15.3	22.3	14.9	2.75B	24
25	0.230B	52.4	1.77	20.7	1.28	0.462	0.039	0.318	15.3	26.8	9.75	3.00B	25
26	0.260B	46.0	2.20	18.1	1.14	0.375	0.033	0.251	10.6	25.5	6.57	3.80B	26
27	0.305B	30.1	3.21	11.9	0.980	0.302	0.027	0.192	6.51	17.2	6.68	5.00B	27
28	0.330B	16.7	4.21	12.5	0.872	0.284	0.095	0.163	4.40	23.0	10.5	6.20B	28
29	0.320B		5.12	23.9	0.837	0.308	0.242	0.180	3.43	26.5	15.9	5.10B	29
30	0.305B		5.35	25.0	0.836	0.289	0.403	0.184	2.88	28.8	12.1	4.40B	30
31	0.295B		5.84		0.872		0.441	5.34		22.9		3.50B	31
TOTAL	7.700	711.810	151.00	293.53	162.597	14.719	4.392	46.379	267.136	695.87	207.71	158.62	TOTAL
MEAN	0.248	25.4	4.87	9.78	5.25	0.491	0.142	1.50	8.90	22.4	6.92	5.12	MEAN
MAX	0.330	108	13.7	25.0	23.4	0.837	0.441	6.06	24.2	94.0	17.9	14.4	MAX
MIN	0.230	0.390	1.64	1.08	0.836	0.284	0.027	0.102	0.886	2.41	1.51	2.55	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.46
MAXIMUM DAILY, 108 ON FEB 20
MINIMUM DAILY, 0.027 ON JUL 27
MAXIMUM INSTANTANEOUS,
111 AT 20:44 EST ON FEB 20

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 45 52 N
LONG 82 20 30 W
DRAINAGE AREA, 609 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	665	JUL	379
FEB	61 500	AUG	4 010
MAR	13 000	SEP	23 100
APR	25 400	OCT	60 100
MAY	14 000	NOV	17 900
JUN	1 270	DEC	13 700

TOTAL DISCHARGE, 235 000 dam³

BEAR CREEK BELOW BRIGDEN - STATION NO. 02GG009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	20.8	0.606	0.186	0.138	11.5	19.7	8.26	6.38	1
2	---	---	---	---	11.7	0.544	0.211	0.080	7.74	33.5	5.31	11.7	2
3	---	---	---	---	6.65	0.509	0.182	0.086	3.73	45.8	4.03	12.5	3
4	---	---	---	---	4.39	0.479	0.134	0.097	5.28	45.2	3.30	11.4	4
5	---	---	---	---	3.30	0.420	0.104	0.085	7.56	38.3	2.76	8.25	5
6	---	---	---	---	2.59	0.384	0.091	0.071	17.7	30.3	2.44	5.68	6
7	---	---	---	---	2.11	0.331	0.079	0.073	24.3	18.2	2.34	4.23	7
8	---	---	---	---	1.78	0.302	0.069	0.089	19.7	13.3	2.50	3.50	8
9	---	---	---	---	1.52	0.301	0.071	0.083	7.29	14.2	5.67	3.00B	9
10	---	---	---	---	1.43	0.286	0.236	0.080	3.18	10.4	5.77	2.37B	10
11	---	---	---	---	5.79	0.268	0.212	0.135	1.97	6.86	4.08	3.70B	11
12	---	---	---	---	11.2	0.244	0.106	2.09	1.38	4.81	2.92	3.24	12
13	---	---	---	---	11.6	0.222	0.080	1.62	1.03	3.52	2.10	2.22	13
14	---	---	---	---	8.82	0.250	0.061	1.62	0.852	2.77	1.78	2.18	14
15	---	---	---	---	6.47	0.443	0.051	3.13	0.774	2.65	1.59	2.51	15
16	---	---	---	---	5.59	0.709	0.049	2.86	0.641	2.07	1.42	3.23	16
17	---	---	---	---	4.65	0.485	0.055	2.64	1.40	1.73	1.36	3.88	17
18	---	---	---	---	3.98	0.487	0.064	4.46	3.68	2.23	1.35	3.50B	18
19	---	---	---	---	3.17	0.495	0.061	3.47	8.62	4.27	1.28	3.05B	19
20	---	---	---	---	2.50	0.399	0.070	1.82	13.8	8.36	3.33	2.90B	20
21	---	---	---	---	2.00	0.331	0.090	1.01	15.7	9.11	8.57	2.65B	21
22	---	---	---	---	1.66	0.361	0.072	0.604	19.8	9.51	14.5	2.50B	22
23	---	---	---	---	1.39	0.437	0.060	0.407	20.6	17.2	16.9	2.40B	23
24	---	---	---	---	1.19	0.449	0.049	0.278	15.7	21.4	11.8	2.50B	24
25	---	---	---	---	1.05	0.343	0.045	0.189	11.7	23.0	7.02	3.00B	25
26	---	---	---	---	0.920	0.276	0.045	0.131	6.64	19.4	4.77	4.00B	26
27	---	---	---	---	0.676	0.237	0.046	0.099	3.79	12.2	5.44	4.90B	27
28	---	---	---	---	0.633	0.261	0.121	0.090	2.63	20.0	11.1	5.20B	28
29	---		---	---	0.628	0.248	0.289	0.100	2.15	22.6	14.4	4.00B	29
30	---		---	22.8	0.684	0.200	0.395	0.102	1.81	24.2	9.21	3.50B	30
31	---		---		0.673		0.293	8.35		16.5		3.00B	31
TOTAL	---	---	---	---	131.544	11.307	3.677	36.287	242.647	503.29	167.30	137.07	TOTAL
MEAN	---	---	---	---	4.24	0.377	0.119	1.17	8.09	16.2	5.58	4.42	MEAN
MAX	---	---	---	---	20.8	0.709	0.395	8.35	24.3	45.8	16.9	12.5	MAX
MIN	---	---	---	---	0.628	0.200	0.045	0.071	0.641	1.73	1.28	2.18	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.045 ON JUL 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 48 42 N
LONG 82 17 54 W
DRAINAGE AREA, 533 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	318
FEB	---	AUG	3 140
MAR	---	SEP	21 000
APR	---	OCT	43 500
MAY	11 400	NOV	14 500
JUN	977	DEC	11 800

BEAR CREEK NEAR PETROLIA - STATION NO. 02GG006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.183B	0.182B	6.87	2.20	6.45	0.355	0.067	0.131	1.76	12.4	3.01	2.28	1
2	0.180B	0.198B	6.15	1.85	3.54	0.304	0.061	0.099	0.908	51.1	2.17	4.89	2
3	0.170B	0.350B	4.04	1.45	2.34	0.307	0.048	0.069	0.722	34.7	1.84	6.14	3
4	0.165B	0.480B	2.66	1.21	1.77	0.323	0.042	0.053	1.91	19.7	1.54	4.01	4
5	0.160B	0.520B	2.02	1.04	1.42	0.302	0.044	0.052	26.6	9.81	1.38	2.65	5
6	0.155B	0.500B	1.67	0.876	1.19	0.273	0.039	0.038	18.1	5.65	1.31	1.99	6
7	0.150B	0.470B	1.47	0.755	1.03	0.223	0.034	0.029	7.31	8.75	1.74	1.70	7
8	0.146B	0.580B	1.37	0.661	0.867	0.187	0.033	0.032	3.10	11.1	5.53	1.52	8
9	0.140B	0.650B	1.29	0.601	0.772	0.149	0.032	0.041	1.83	6.13	3.99	1.41	9
10	0.135B	0.480B	1.43	0.574	0.772	0.140	0.035	1.29	1.21	3.74	2.40	1.70B	10
11	0.134B	0.900B	1.86	0.560	2.40	0.139	0.041	1.31	0.861	2.57	1.66	1.35B	11
12	0.133B	1.40 B	2.05	0.578	5.50	0.133	0.037	0.682	0.659	1.86	1.35	1.30	12
13	0.132B	1.90 B	2.05	0.635	4.64	0.124	0.031	1.03	0.531	1.48	1.16	1.53	13
14	0.132B	1.74 B	2.00	2.30	3.00	0.132	0.023	1.03	0.470	1.21	1.03	1.78	14
15	0.131B	3.00 B	1.79	6.75	2.24	0.158	0.018	1.15	0.862	1.05	0.934	2.03	15
16	0.130B	4.50 B	1.58	4.35	2.06	0.174	0.014	3.04	0.962	0.930	0.867	2.21	16
17	0.130B	14.0 B	1.42	2.87	1.91	0.210	0.011	3.95	1.37	0.885	0.817	2.14	17
18	0.129B	55.0 B	1.26	8.22	1.58	0.191	0.017	1.77	6.86	1.61	0.783	1.95B	18
19	0.129B	61.2	1.06	7.59	1.28	0.149	0.018	0.888	14.4	5.67	0.740	1.60B	19
20	0.128B	42.0	0.977	3.65	1.05	0.129	0.016	0.504	9.34	5.26	1.35	1.30B	20
21	0.128B	31.5	0.876	2.32	0.874	0.115	0.016	0.304	4.29	3.42	8.24	1.20B	21
22	0.128B	20.7	0.846	1.74	0.740	0.115	0.018	0.175	5.24	5.29	11.2	1.15B	22
23	0.128B	20.7	0.869	7.21	0.642	0.119	0.026	0.131	11.0	15.2	6.66	1.30B	23
24	0.129B	30.4	1.07	12.9	0.564	0.114	0.028	0.104	7.38	17.4	3.52	1.70B	24
25	0.135B	18.6	1.20	8.28	0.512	0.132	0.023	0.088	3.62	9.83	2.37	2.55B	25
26	0.150B	9.67	1.26	4.97	0.478	0.143	0.022	0.076	2.10	4.81	2.00	3.00B	26
27	0.170B	5.71	1.65	3.22	0.452	0.140	0.017	0.064	1.64	4.95	6.78	2.75B	27
28	0.200B	4.70	2.35	4.27	0.457	0.114	0.022	0.059	1.34	15.2	8.45	2.20B	28
29	0.203B		2.11	12.5	0.477	0.091	0.043	0.074	1.13	15.2	4.70	1.90B	29
30	0.200B		1.86	13.2	0.473	0.078	0.059	4.14	0.941	7.54	2.81	1.70B	30
31	0.182B		1.98		0.419		0.099	4.48		4.21		1.60B	31
TOTAL	4.645	332.030	61.088	119.330	51.899	5.263	1.034	26.883	138.446	288.655	92.331	66.53	TOTAL
MEAN	0.150	11.9	1.97	3.98	1.67	0.175	0.033	0.867	4.61	9.31	3.08	2.15	MEAN
MAX	0.203	61.2	6.87	13.2	6.45	0.355	0.099	4.48	26.6	51.1	11.2	6.14	MAX
MIN	0.128	0.182	0.846	0.560	0.419	0.078	0.011	0.029	0.470	0.885	0.740	1.15	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.26
MAXIMUM DAILY, 61.2 ON FEB 19
MINIMUM DAILY, 0.011 ON JUL 17
MAXIMUM INSTANTANEOUS,
83.4 AT 15:28 EST ON FEB 18

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 54 21 N
LONG 82 07 12 W
DRAINAGE AREA, 267 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	401	JUL	89.3
FEB	28 700	AUG	2 320
MAR	5 280	SEP	12 000
APR	10 300	OCT	24 900
MAY	4 480	NOV	7 980
JUN	455	DEC	5 750

TOTAL DISCHARGE, 103 000 dam³

BEAVER CREEK NEAR MARMORA - STATION NO. 02HK006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.40B	1.84B	52.1	12.9	9.52	5.95	4.24	0.465	0.255	2.72	14.1	9.27B	1
2	3.30B	1.90B	45.5	14.6	9.24	5.22	3.99	0.459	0.391	2.66	12.9	9.32	2
3	3.20B	2.00B	40.8	15.8	8.88	4.87	3.70	0.437	0.371	2.60	12.1	9.22	3
4	3.10B	1.90B	35.7	18.5	8.56	4.82	3.62	0.415	0.618	2.55	11.4	8.64	4
5	3.00B	1.85B	32.8	21.7	8.22	5.00	3.95	0.417	1.48	2.53	10.7	7.93	5
6	2.93B	1.80B	29.4	22.8	7.86	5.84	3.49	0.398	2.46	2.63	10.3	7.15B	6
7	2.86B	1.77B	26.9	22.4	7.55	6.48	3.07	0.358	3.79	2.72	10.2	6.69	7
8	2.79B	1.74B	24.8	21.3	7.23	6.62	2.78	0.386	5.43	2.82	10.2	6.10B	8
9	2.72B	1.72B	23.1	19.4	6.91	6.64	2.49	0.451	5.97	2.83	10.1	5.80B	9
10	2.65B	1.70B	21.5	16.2	6.36	6.33	2.20	0.442	6.76	2.79	9.53	5.50B	10
11	2.59B	2.50B	20.2	13.7	6.30	5.91	1.92	0.457	7.60	2.71	9.04	5.30B	11
12	2.54B	4.00B	18.9	12.5	7.50	5.32	1.69	0.436	7.92	2.61	8.70	5.10B	12
13	2.48B	10.0 B	17.9	12.2	8.44	4.60	1.52	0.409	7.73	2.71	8.43	4.95B	13
14	2.43B	11.5 B	16.9	12.3	8.69	3.79	1.35	0.410	7.09	2.72	8.18	4.80B	14
15	2.38B	11.0 B	15.2	12.7	9.23	3.46	1.25	0.596	6.40	2.58	7.93	4.70B	15
16	2.33B	10.5 B	13.0	13.1	9.36	3.98	1.15	0.661	5.72	2.50	7.78	4.60B	16
17	2.28B	10.0 B	11.7	13.2	9.23	4.85	1.01	0.727	5.13	2.64	7.72	4.50B	17
18	2.24B	11.0 B	10.5 B	13.3	8.87	4.82	0.972	0.783	4.64	4.48	7.63	4.40B	18
19	2.20B	14.0 B	10.1 B	13.1	8.30	4.36	0.901	0.734	4.18	6.30	7.57	4.30B	19
20	2.16B	19.0 B	10.1	13.0	7.87	3.51	0.860	0.607	3.85	6.77	7.60	4.20B	20
21	2.12B	30.0 B	9.52B	12.5	7.32	2.83	0.798	0.536	3.53	6.74	8.35	4.10B	21
22	2.09B	42.1 B	9.48	11.8	6.76	2.94	0.712	0.489	3.37	6.83	10.2	4.00B	22
23	2.06B	52.3 B	9.43	11.1	6.30	4.55	0.641	0.429	3.14	6.93	11.1	4.10B	23
24	2.03B	69.3 B	9.38	10.8	5.76	6.46	0.583	0.388	2.97	7.14	10.7	4.20B	24
25	2.00B	85.5 B	9.38	10.9	5.46	6.74	0.509	0.368	2.82	7.15	10.2	4.20B	25
26	2.00B	71.7 B	9.30	10.9	5.45	5.81	0.479	0.330	2.73	7.48	9.53	4.20B	26
27	2.02B	64.4 B	8.48	10.6	5.64	4.81	0.434	0.299	2.95	8.57	9.99	4.10B	27
28	2.06B	58.6	7.19	10.2	5.96	4.27	0.443	0.291	2.99	11.6	10.5	4.10B	28
29	1.99B		6.51	9.99	6.34	4.33	0.472	0.272	2.98	15.9	10.4	4.00B	29
30	1.92B		7.14	9.78	6.29	4.37	0.443	0.264	2.84	17.2	9.90B	4.00B	30
31	1.88B		9.65		6.25		0.454	0.258		15.7		4.10B	31
TOTAL	75.75	595.62	572.56	423.27	231.65	149.48	52.121	13.972	118.105	174.41	292.98	167.57	TOTAL
MEAN	2.44	21.3	18.5	14.1	7.47	4.98	1.68	0.451	3.94	5.63	9.77	5.41	MEAN
MAX	3.40	85.5	52.1	22.8	9.52	6.74	4.24	0.783	7.92	17.2	14.1	9.32	MAX
MIN	1.88	1.70	6.51	9.78	5.45	2.83	0.434	0.258	0.255	2.58	7.57	4.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.86
MAXIMUM DAILY, 85.5B ON FEB 25
MINIMUM DAILY, 0.255 ON SEP 1
MAXIMUM INSTANTANEOUS,
88.5B AT 10:00 EST ON FEB 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 32 02 N
LONG 77 41 56 W
DRAINAGE AREA, 541 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 540	JUL	4 500
FEB	51 500	AUG	1 210
MAR	49 500	SEP	10 200
APR	36 600	OCT	15 100
MAY	20 000	NOV	25 300
JUN	12 900	DEC	14 500

TOTAL DISCHARGE, 248 000 dam³

BEAVER RIVER NEAR CLARKSBURG - STATION NO. 02FB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.80B	6.50B	22.2	19.6	7.79	6.68	3.39	1.57	13.0	5.63	7.55	12.3	1
2	5.79B	7.10B	19.4	18.1	7.42	6.29	3.30	1.43	12.9	6.66	7.36	13.0	2
3	5.78B	6.70B	15.6 B	17.0	7.09	6.12	3.23	1.52	11.3	7.80	7.12	11.9	3
4	5.77B	6.55B	15.0 B	16.3	6.84	6.87	3.84	1.60	13.5	7.50	6.93	11.0	4
5	5.75B	6.45B	14.9	15.4	6.57	6.55	6.73	1.77	13.2	7.14	6.68	10.5	5
6	5.73B	6.40B	13.8 B	14.1	6.51	6.17	7.22	2.64	13.0	11.6	6.74	9.96	6
7	5.71B	6.35B	13.5	13.1	6.44	5.82	6.60	2.94	12.2	15.4	7.07	9.50	7
8	5.68B	5.80B	13.2	12.2	6.19	5.56	5.98	3.23	11.3	14.2	7.34	9.53	8
9	5.65B	5.40B	13.0	12.4	5.94	5.72	5.42	3.65	12.2	13.0	7.44	8.36	9
10	5.61B	4.84B	12.7	11.9	7.46	6.26	4.99	2.42	10.5	11.7	7.26	5.81B	10
11	5.60B	6.11B	12.2	11.4	22.7	7.09	4.71	3.02	9.20	10.6	7.13	6.29	11
12	5.59B	8.46B	11.4	11.0	22.1	6.84	4.59	3.32	8.25E	9.72	7.01	7.75	12
13	5.58B	9.20B	10.8	10.4	18.8	6.48	4.46	3.23	7.55	9.05	6.83	8.77	13
14	5.57B	8.80B	9.90B	11.1	16.1	6.17	4.33	3.15	6.89	8.33	6.65	9.36	14
15	5.55B	8.40B	10.2	11.1	14.6	5.90	3.40	5.27	6.34	7.82	6.51	9.38	15
16	5.55B	9.90B	9.20B	10.7	14.1	5.82	2.82	5.88	5.93	7.51	8.83	8.12	16
17	5.57B	30.8	8.60B	10.2	12.5	5.92	2.68	5.38	5.65	7.07	12.7	6.84B	17
18	5.58B	47.8	8.40B	10.5	11.3	5.64	2.61	4.78	5.59	8.56	11.1	4.82B	18
19	5.59B	56.9 B	8.60B	10.6	10.2	4.29	2.63	3.45	5.47	9.92	10.1	5.40B	19
20	5.60B	46.1 B	8.70B	10.3	9.30	3.55	2.64	3.59	5.41	9.06	10.3	5.18B	20
21	5.80B	40.1	8.90B	9.91	8.58	3.39	2.61	2.22	5.40	8.45	12.6	6.47	21
22	5.95B	36.0	9.01	9.30	7.98	4.43	2.53	2.34	5.42	8.51	11.6	7.72	22
23	6.23B	42.1	10.5	8.97	7.45	6.51	2.47	2.51	5.40	9.41	10.8	8.16	23
24	6.50B	41.1	11.1	8.80	7.08	5.64	2.40	2.65	5.37	9.84	10.0	8.28	24
25	6.70B	36.3	11.5	8.70	6.88	4.62	2.33	2.90	5.23	9.62	9.03	8.36	25
26	7.00B	30.0	11.6	8.68	6.75	4.03	2.32	2.86	5.35	9.34	9.55	8.17	26
27	7.40B	25.5	12.3	8.53	6.66	3.74	2.33	2.77	5.88	9.10	28.6	8.00	27
28	7.30B	24.7	12.5	8.38	6.77	3.39	2.39	3.44	6.07	8.76	17.6	7.99	28
29	7.00B		14.0	8.45	6.62	3.31	3.16	8.89	5.96	8.44	15.2	7.88	29
30	6.80B		18.4	8.19	7.24	3.48	2.55	14.7	5.72	8.08	13.5	7.69	30
31	6.60B		20.5		7.10		1.95	13.6		7.80		7.54	31
TOTAL	186.33	570.36	391.61	345.31	299.06	162.28	112.61	122.72	245.18	285.62	297.13	260.03	TOTAL
MEAN	6.01	20.4	12.6	11.5	9.65	5.41	3.63	3.96	8.17	9.21	9.90	8.39	MEAN
MAX	7.40	56.9	22.2	19.6	22.7	7.09	7.22	14.7	13.5	15.4	28.6	13.0	MAX
MIN	5.55	4.84	8.40	8.19	5.94	3.31	1.95	1.43	5.23	5.63	6.51	4.82	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.98
MAXIMUM DAILY, 56.9B ON FEB 19
MINIMUM DAILY, 1.43 ON AUG 2
MAXIMUM INSTANTANEOUS,
63.4 AT 23:11 EST ON FEB 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 31 20 N
LONG 80 28 00 W
DRAINAGE AREA, 572 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1915

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 100	JUL	9 730
FEB	49 300	AUG	10 600
MAR	33 800	SEP	21 200
APR	29 800	OCT	24 700
MAY	25 800	NOV	25 700
JUN	14 000	DEC	22 500

TOTAL DISCHARGE, 283 000 dam³

BEAVERTON RIVER NEAR BEAVERTON - STATION NO. 02EC011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.31 B	0.940B	12.1	6.20	1.88	0.658	0.496	0.634	0.856	0.932	3.70	3.85B	1
2	1.28 B	1.06 B	10.6	5.41	1.68	0.565	0.492	0.540	0.811	0.969	3.46	3.87	2
3	1.22 B	1.08 B	8.71	4.69	1.56	0.536	0.443	0.514	0.852	1.01	3.48	3.88	3
4	1.19 B	1.03 B	8.70	4.55	1.46	0.527	1.32	0.520	1.27	1.02	3.30	3.56B	4
5	1.14 B	0.960B	7.50B	4.33	1.39	0.493	6.42	0.569	3.04	1.01	2.86	3.28B	5
6	1.11 B	0.940B	6.57B	3.81	1.37	0.472	4.13	0.559	3.55	1.50	2.75	2.80B	6
7	1.09 B	0.910B	6.23	3.50	1.29	0.397	2.48	0.480	3.67	2.33	2.67	2.60B	7
8	1.06 B	0.900B	5.87	3.20	1.17	0.351	1.60	0.611	4.26	2.41	2.60	2.35B	8
9	1.03 B	0.880B	5.67	2.94	1.12	0.423	1.19	0.582	4.06	2.26	2.50	2.85B	9
10	1.01 B	0.860B	5.41	2.70	1.20	0.445	0.974	0.539	3.18	2.06	2.33	2.80B	10
11	0.990B	1.10 B	5.02	2.72	2.47	0.536	0.797	0.735	2.61	1.94	2.25	2.43B	11
12	0.970B	1.30 B	4.64B	2.66	4.24	0.442	0.678	0.784	2.12	1.79	2.16	1.80B	12
13	0.950B	1.22 B	4.32	2.36	3.50	0.390	0.597	0.614	1.82	1.68	2.04	1.68B	13
14	0.940B	1.19 B	3.92	2.89	3.07	0.384	0.535	0.529	1.60	1.59	1.99	1.60B	14
15	0.920B	1.16 B	3.70B	3.17	2.78	0.399	0.480	1.20	1.43	1.56	2.00	1.50B	15
16	0.910B	1.38 B	3.46B	2.87	2.54	0.487	0.446	2.30	1.30	1.56	2.26	1.48B	16
17	0.880B	5.00 B	3.30B	2.99	2.14	0.445	0.415	1.63	1.21	1.49	3.97	1.42B	17
18	0.870B	15.0 B	3.00B	4.93	1.82	0.374	0.525	1.18	1.17	1.72	4.23	1.38B	18
19	0.860B	52.0 B	2.70B	4.44	1.60	0.378	0.619	1.01	1.16	2.00	3.94	1.35B	19
20	0.850B	48.0 B	2.50B	3.87	1.41	0.362	0.726	0.926	1.12	2.02	4.54	1.32B	20
21	0.845B	35.0 B	2.30B	3.37	1.24	0.350	0.652	0.835	1.10	1.88	9.05	1.30B	21
22	0.837B	29.7 B	2.11	3.01	1.08	0.689	0.562	0.797	1.11	1.88	6.83	1.29B	22
23	0.830B	27.0 B	2.27	2.75	0.968	1.41	0.510	0.763	1.08	2.50	5.09	1.27B	23
24	0.820B	23.5 B	2.27	2.76	0.868	1.03	0.448	0.786	1.05	3.57	4.56	1.26B	24
25	0.805B	22.5	2.29	2.75	0.835	0.812	0.414	0.754	1.01	3.44	4.29B	1.25B	25
26	0.820B	18.0	2.33	2.53	0.830	0.690	0.402	0.711	1.04	3.46	3.77B	1.24B	26
27	0.880B	14.9	2.54	2.32	0.804	0.628	0.413	0.689	1.12	4.00	5.65	1.24B	27
28	0.920B	13.9	2.49	2.18	0.943	0.558	0.484	0.738	1.09	6.63	6.90	1.23B	28
29	0.960B		2.51	2.44	0.979	0.493	0.934	0.954	1.06	5.37	5.23	1.22B	29
30	0.900B		3.88	2.20	0.867	0.500	0.896	0.945	0.953	4.49	4.78	1.21B	30
31	0.850B		7.70		0.762		0.755	0.886		4.02		1.21b	31
TOTAL	30.007	321.410	146.61	100.54	49.866	16.224	31.833	25.314	51.702	74.091	115.18	61.52	TOTAL
MEAN	0.968	11.5	4.73	3.35	1.61	0.541	1.03	0.817	1.72	2.39	3.84	1.98	MEAN
MAX	1.31	52.0	12.1	6.20	4.24	1.41	6.42	2.30	4.26	6.63	9.05	3.88	MAX
MIN	0.805	0.860	2.11	2.18	0.762	0.350	0.402	0.480	0.811	0.932	1.99	1.21	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.81
MAXIMUM DAILY, 52.0B ON FEB 19
MINIMUM DAILY, 0.350 ON JUN 21
MAXIMUM INSTANTANEOUS,
70.5B AT 04:01 EST ON FEB 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 23 49 N
LONG 79 04 16 W
DRAINAGE AREA, 282 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 590	JUL	2 750
FEB	27 800	AUG	2 190
MAR	12 700	SEP	4 470
APR	8 690	OCT	6 400
MAY	4 310	NOV	9 950
JUN	1 400	DEC	5 320

TOTAL DISCHARGE, 88 600 dam³

BEETON CREEK NEAR TOTTENHAM - STATION NO. 02ED100

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.340B	0.338B	1.13	1.07	0.513	0.319	0.327	0.387	0.541	0.453	0.785	0.791	1
2	0.338B	0.336B	0.947	0.971	0.480	0.286	0.323	0.376	0.483	0.546	0.809	0.849	2
3	0.336B	0.334B	0.898	0.816	0.470	0.288	0.313	0.398	0.446	0.549	0.683	0.838	3
4	0.334B	0.332B	0.815	0.793	0.468	0.365	0.799	0.585	1.19	0.494	0.680	0.720	4
5	0.332B	0.330B	0.792	0.758	0.463	0.324	1.68	1.27	1.96	0.469	0.754	0.672	5
6	0.330B	0.328B	0.821	0.676	0.507	0.291	1.17	0.637	1.32	0.853	0.710	0.642	6
7	0.329B	0.326B	0.773	0.610	0.484	0.260	0.604	0.473	0.978	0.949	0.679	0.624	7
8	0.328B	0.324B	0.746	0.569	0.467	0.253	0.458	1.38	0.821	0.745	0.644	0.638	8
9	0.327B	0.323B	0.754	0.568	0.461	0.250	0.387	1.68	0.819	0.623	0.565	0.651	9
10	0.326B	0.322B	0.748	0.538	0.577	0.338	0.344	0.806	0.717	0.557	0.527	0.520	10
11	0.325B	0.321B	0.729	0.523	1.90	0.454	0.321	1.02	0.618	0.500	0.547	0.500B	11
12	0.324B	0.320B	0.700	0.516	2.39	0.331	0.313	0.771	0.543	0.472	0.517	0.490B	12
13	0.323B	0.319B	0.711	0.507	1.19	0.316	0.312	0.590	0.488	0.463	0.496	0.480B	13
14	0.322B	0.318B	0.715	0.806	0.915	0.313	0.302	0.503	0.449	0.469	0.496	0.470B	14
15	0.321B	0.317B	0.733	0.785	0.908	0.311	0.304	0.587	0.443	0.520	0.481	0.460B	15
16	0.320B	0.320B	0.702	0.639	0.945	0.300	0.309	0.729	0.445	0.541	1.09	0.450B	16
17	0.319B	0.900B	0.630	0.691	0.801	0.288	0.310	0.557	0.428	0.500	1.67	0.440B	17
18	0.318B	3.00 B	0.548	0.781	0.675	0.276	0.321	0.465	0.447	0.684	1.16	0.430B	18
19	0.317B	7.50 B	0.505	0.655	0.557	0.266	0.395	0.422	0.449	0.780	1.11	0.420B	19
20	0.316B	8.10	0.480	0.651	0.476	0.271	0.487	0.379	0.451	0.580	1.49	0.440B	20
21	0.315B	4.39	0.504	0.617	0.422	0.304	0.427	0.393	0.467	0.431	2.13	0.450B	21
22	0.314B	2.25	0.529	0.567	0.430	1.03	0.390	0.379	0.662	0.647	1.38	0.480B	22
23	0.313B	3.63	0.602	0.578	0.406	1.12	0.356	0.419	0.592	0.943	1.07	0.530B	23
24	0.312B	3.00	0.612	0.664	0.357	0.576	0.345	0.413	0.498	1.12	0.898	0.560B	24
25	0.311B	1.53	0.605	0.646	0.355	0.456	0.334	0.373	0.456	0.896	0.792	0.540B	25
26	0.310B	1.18	0.601	0.599	0.359	0.376	0.333	0.338	0.493	0.875	0.753	0.500B	26
27	0.330B	1.00	0.664	0.544	0.400	0.332	0.342	0.326	0.532	1.02	2.11	0.480B	27
28	0.350B	1.11	0.674	0.518	0.444	0.312	0.649	0.514	0.460	1.56	1.67	0.460B	28
29	0.365B		0.687	0.547	0.408	0.306	1.12	0.763	0.419	1.18	1.07	0.440B	29
30	0.350B		1.03	0.552	0.369	0.308	0.634	0.641	0.406	0.925	0.869	0.430B	30
31	0.340B		1.31		0.403		0.440	0.659		0.766		0.420B	31
TOTAL	10.135	42.798	22.695	19.755	20.000	11.220	15.149	19.233	19.021	22.110	28.635	16.815	TOTAL
MEAN	0.327	1.53	0.732	0.659	0.645	0.374	0.489	0.620	0.634	0.713	0.955	0.542	MEAN
MAX	0.365	8.10	1.31	1.07	2.39	1.12	1.68	1.68	1.96	1.56	2.13	0.849	MAX
MIN	0.310	0.317	0.480	0.507	0.355	0.250	0.302	0.326	0.406	0.431	0.481	0.420	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.678
MAXIMUM DAILY, 8.10 ON FEB 20
MINIMUM DAILY, 0.250 ON JUN 9

DATA CONTRIBUTED BY -
ONTARIO MINISTRY OF THE ENVIRONMENT

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 02 56 N
LONG 79 48 10 W
DRAINAGE AREA, 86.0 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	876	JUL	1 310
FEB	3 700	AUG	1 660
MAR	1 960	SEP	1 640
APR	1 710	OCT	1 910
MAY	1 730	NOV	2 470
JUN	969	DEC	1 450

TOTAL DISCHARGE, 21 400 dam³

BERENS RIVER ABOVE BERENS LAKE - STATION NO. 05RC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.8 B	7.30B	6.29B	10.6	35.6	71.4	68.0	15.9 E	9.28	64.5	56.0	35.9B	1
2	10.7 B	7.15B	6.34B	11.0	40.9	71.7	63.1	15.7 E	11.6	65.3	55.5	35.0B	2
3	10.5 B	7.06B	6.38B	11.3	47.2	70.4	58.6	15.4 E	12.6	65.4	55.5	34.3B	3
4	10.3 B	7.01B	6.43B	11.2	55.2	68.4	54.5	15.1 E	12.2	64.6	56.1	33.5B	4
5	10.2 B	6.96B	6.43B	11.3	61.1	66.4	50.1	14.8 E	12.1	63.4	56.8	32.7B	5
6	10.0 B	6.91B	6.48B	11.3	65.5	68.1	46.5	14.6 E	13.3	61.6	56.6	32.0B	6
7	9.90B	6.86B	6.53B	11.7	69.2	71.1	43.7	14.3 E	18.2	59.5	55.5	31.4B	7
8	9.75B	6.82B	6.58B	11.8	72.4	71.2	41.2	14.0 E	26.4	56.4	53.2	30.7B	8
9	9.60B	6.77B	6.53B	11.9	71.9	70.0	38.9	13.8 E	31.1	50.5	51.2	30.1B	9
10	9.40B	6.67B	6.58B	12.4	70.8	67.3	36.9	13.5 E	32.5	45.8	50.6	29.5B	10
11	9.30B	6.62B	6.58B	12.5	69.8	64.5	34.9	13.2 E	32.6	42.0	49.9	29.0B	11
12	9.20B	6.58B	6.77B	12.7	68.2	61.6	33.1	13.0 E	31.8	40.0	49.4	28.5B	12
13	8.90B	6.53B	6.82B	12.8	65.7	59.2	31.1	12.7 E	30.6	39.0	49.1	28.0B	13
14	8.70B	6.48B	6.86B	12.5	62.8	57.5	29.6	12.5 E	29.4	39.4	48.4	27.4B	14
15	8.50B	6.43B	6.96B	13.0	59.7	65.1	28.2	12.2 E	28.2	40.1	48.0	26.9B	15
16	8.55B	6.43B	7.06B	13.5	57.0	92.1	26.8	12.0 E	27.2	41.2	48.7	26.4B	16
17	8.50B	6.38B	7.20B	14.5	54.7	112	25.7	11.7 E	26.3	41.6	50.7	26.0B	17
18	8.40B	6.34B	7.34B	15.4	52.6	121	24.7	11.5 E	25.3	41.2	52.0	25.5B	18
19	8.30B	6.34B	7.44B	15.8	50.3	130	23.3	11.2 A	24.0	40.4	51.3	25.1B	19
20	8.26B	6.29B	7.58B	15.9	48.3	133	22.3	10.9	22.8	41.3	49.9	24.7B	20
21	8.21B	6.24B	7.78B	16.2	46.8	131	21.1	10.9	21.9	42.9	48.2B	24.2B	21
22	8.02B	6.24B	7.92B	16.9	45.0	125	20.1	10.8	20.9	44.7	46.6B	23.8B	22
23	7.97B	6.24B	8.11B	17.5	44.3	118	19.4	10.5	20.5	46.7	45.0B	23.5B	23
24	7.92B	6.19B	8.30B	18.1	45.6	111	18.9	10.2	19.9	48.3	43.6B	23.1B	24
25	7.82B	6.19B	8.40B	18.7	48.2	103	17.9A	9.77	19.2	50.4	42.4B	22.7B	25
26	7.73B	6.24B	8.70	19.9	50.6	96.2	17.6E	9.35	19.8	52.4	41.2B	22.3B	26
27	7.58B	6.24B	8.75	21.7	51.3	89.9	17.4E	9.06	27.3	54.2	40.0B	21.9B	27
28	7.54B	6.29B	9.00	24.0	51.1	84.4	17.0E	8.68	42.1	56.2	38.9B	21.5B	28
29	7.49B		9.40	27.7	53.2	78.4	16.8E	8.25	55.3	57.4	37.9B	21.1B	29
30	7.44B		9.70	31.6	61.3	72.9	16.5E	7.95	62.3	57.6	36.9B	20.8B	30
31	7.34B		10.1		68.4		16.2E	8.08		57.4		20.5B	31
TOTAL	272.82	183.80	231.34	465.4	1 744.8	2 601.8	980.1	371.54	766.68	1 571.4	1 465.1	838.0	TOTAL
MEAN	8.80	6.56	7.46	15.5	56.3	86.7	31.6	12.0	25.6	50.7	48.8	27.0	MEAN
MAX	10.8	7.30	10.1	31.6	72.4	133	68.0	15.9	62.3	65.4	56.8	35.9	MAX
MIN	7.34	6.19	6.29	10.6	35.6	57.5	16.2	7.95	9.28	39.0	36.9	20.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.5
MAXIMUM DAILY, 133 ON JUN 20
MINIMUM DAILY, 6.19B ON FEB 24
MAXIMUM INSTANTANEOUS,
133 AT 13:14 CST ON JUN 20

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 48 10 N
LONG 93 30 10 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	23 600	JUL	84 700
FEB	15 900	AUG	32 100
MAR	20 000	SEP	66 200
APR	40 200	OCT	136 000
MAY	151 000	NOV	127 000
JUN	225 000	DEC	72 400

TOTAL DISCHARGE, 994 000 dam³

BERRY CREEK AT THE OUTLET OF BERRY LAKE - STATION NO. 05PD026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.47	1.57	1.34	2.05	1.75	1.12	5.48	4.14	1.34	2.74	4.09	3.14E	1
2	1.40	1.38	1.29	2.05	1.74	1.17	6.23	3.91	1.16	2.74	4.09	3.17E	2
3	1.37	1.39	1.31	2.03	1.90	1.20	9.88	3.85	1.05	2.78	3.92	3.16E	3
4	1.35	1.37	1.37	1.93	1.86	1.20	10.4	3.68	1.01	3.45	3.87	3.16E	4
5	1.48	1.41	1.33	1.91	1.71	1.53	10.7	3.51	0.930	4.01	3.92	3.11E	5
6	1.41	1.38	1.35	1.92	1.67	1.50	13.0	4.09	1.36	4.67	3.72	3.05E	6
7	1.39	1.43	1.33	1.97	1.59	1.50	15.0	3.97	2.57	5.04	3.68	3.07E	7
8	1.37	1.43	1.37	1.86	1.55	1.67	14.4	3.91	2.47	5.35	3.64	3.05E	8
9	1.33	1.36	1.39	1.76	1.56	2.23	13.7	3.80	2.54	5.59	3.27	3.04E	9
10	1.29	1.32	1.38	1.82	1.47	2.56	13.2	3.62	2.64	6.16	3.29	3.02A	10
11	1.42	1.30	1.35	1.81	1.41	2.22	12.7	3.56	2.74	6.42	3.13	3.01	11
12	1.65	1.37	1.34	1.76	1.43	2.03	12.3	3.39	2.81	6.49	3.05	3.04	12
13	1.65	1.32	1.34	1.78	1.32	2.00	8.91	3.05	2.89	7.53	3.02	2.96	13
14	1.69A	1.35	1.30	1.70	1.29	2.37	5.88	2.63	2.85	8.14	3.17	2.88	14
15	1.69A	1.40	1.38	1.64	1.97	1.90	6.23	1.89	2.67	7.60	3.20	2.87	15
16	1.51	1.37	1.33	1.74	2.22	1.41	6.46	1.86	2.60	7.24	3.48	2.84	16
17	1.51	1.36	1.35	1.74	1.85	1.37	7.06	1.80	2.47	7.24	3.52	2.81	17
18	1.50	1.26	1.35	1.74	1.70	1.47	7.06	1.71	2.44	6.94	3.58	2.75	18
19	1.45	1.34	1.35	1.82	0.980	1.71	6.94	1.66	2.34 A	6.35	3.43	2.74	19
20	1.42	1.35	1.41	1.59	0.470	1.86	7.40	1.58	2.19 E	5.94	3.24A	2.80	20
21	1.41	1.39	1.41	1.49	0.473	1.97	6.44	1.53	2.06	5.54	3.13E	2.87	21
22	1.45	1.40	1.41	1.81	0.720	2.02	4.67	1.51	1.80	5.42	3.02E	2.91	22
23	1.46	1.36	1.47	1.88	0.980	1.97	4.67	1.53	1.77	5.01	2.91E	2.98	23
24	1.48	1.33	1.51	1.76	1.14	3.81	5.75	1.46	1.86	4.72	2.81E	2.98	24
25	1.45	1.30	1.53	1.70	1.22	5.77	6.52	1.41	1.77	4.78	2.88E	3.01	25
26	1.44	1.36	1.67	1.82	1.20	6.33	5.65	1.34	1.91	4.26	3.13E	2.98	26
27	1.36	1.32	1.64	1.82	1.17	7.30	4.78	1.26	2.15	4.20	3.34E	3.01	27
28	1.38	1.34	1.88	1.86	1.14	7.28	4.32	1.22	1.97	4.26	3.52E	2.99	28
29	1.38		1.91	1.84	1.25	7.28	3.86	1.14	1.89	4.14	3.34E	3.01	29
30	1.37		1.90	1.83	1.14	6.26	3.27	1.18	2.09	4.26	3.26E	3.01	30
31	1.45		1.95		1.09		4.43	1.24		4.09		2.98	31
TOTAL	44.98	38.26	45.24	54.43	42.963	84.01	247.29	76.43	62.340	163.10	101.65	92.40	TOTAL
MEAN	1.45	1.37	1.46	1.81	1.39	2.80	7.98	2.47	2.08	5.26	3.39	2.98	MEAN
MAX	1.69	1.57	1.95	2.05	2.22	7.30	15.0	4.14	2.89	8.14	4.09	3.17	MAX
MIN	1.29	1.26	1.29	1.49	0.470	1.12	3.27	1.14	0.930	2.78	2.81	2.74	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.89
MAXIMUM DAILY, 15.0 ON JUL 7
MINIMUM DAILY, 0.470 ON MAY 20
MAXIMUM INSTANTANEOUS,
15.9 AT 11:00 CST ON JUL 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 26 30 N
LONG 93 59 00 W
DRAINAGE AREA, 744 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1978

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 890	JUL	21 400
FEB	3 310	AUG	6 600
MAR	3 910	SEP	2 390
APR	4 700	OCT	14 100
MAY	3 710	NOV	8 780
JUN	7 260	DEC	7 980

TOTAL DISCHARGE, 91 000 dam³

BIG CARP RIVER NEAR SAULT STE. MARIE - STATION NO. 02BF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.218B	0.140B	1.28 B	8.20 B	0.526	0.169	0.687	0.242	0.058	0.143	0.528	0.570B	1
2	0.212B	0.140B	1.18 B	7.59	0.463	0.201	0.473	0.386	0.063	0.187	0.466	1.53	2
3	0.209B	0.140B	1.10 B	7.03	0.456	0.264	0.541	0.189	0.062	0.151	0.418	1.18	3
4	0.205B	0.140B	1.02 B	15.2	0.710	0.776	0.636	0.592	0.049	0.125	0.384	0.780B	4
5	0.200B	0.141B	0.960B	9.23	2.46	0.597	0.413	0.579	0.046	0.112	0.387	0.630B	5
6	0.197B	0.142B	0.900B	3.86	2.09	0.487	0.305	0.334	0.043	0.389	0.894	0.605B	6
7	0.192B	0.143B	0.850B	3.01	1.24	0.364	0.240	0.249	0.045	0.583	0.710	0.530B	7
8	0.190B	0.146B	0.800B	3.68	0.897	0.815	0.202	0.216	0.109	0.361	0.585	0.480B	8
9	0.186B	0.149B	0.760B	3.65	0.724	0.775	0.163	0.188	0.097	0.269	0.513	0.440B	9
10	0.182B	0.151B	0.710B	3.14	0.605	2.10	0.132	0.183	0.137	0.230	0.455	0.410B	10
11	0.179B	0.153B	0.670B	2.60	0.521	1.52	0.111	0.168	0.132	0.199	0.435B	0.390B	11
12	0.176B	0.162B	0.640B	2.39	0.468	1.14	0.103	0.131	0.238	0.177	0.415B	0.370B	12
13	0.173B	0.171B	0.620B	1.89	0.453	0.950	0.103	0.115	0.139	0.168	0.404	0.360B	13
14	0.170B	0.190B	0.600B	4.03	0.424	1.89	0.095	0.109	0.105	0.186	0.384	0.368B	14
15	0.168B	0.230B	0.570B	2.57	0.387	1.77	0.080	0.094	0.083	0.589	0.363	0.395B	15
16	0.165B	0.290B	0.550B	1.69	0.350	1.81	0.077	0.087	0.075	0.577	0.350	0.375B	16
17	0.162B	0.400B	0.530B	1.78	0.312	1.13	0.105	0.075	0.068	0.443	0.344	0.360B	17
18	0.159B	0.540B	0.520B	1.47	0.289	0.799	0.138	0.062	0.063	1.79	0.338	0.345B	18
19	0.156B	0.710B	0.510B	1.12	0.255	0.652	0.103	0.058	0.059	2.27	0.321	0.335B	19
20	0.153B	0.890B	0.500B	0.919	0.229	0.508	0.088	0.057	0.068	1.60	0.288	0.330B	20
21	0.151B	1.10 B	0.640B	0.767	0.222	0.540	0.078	0.052	0.078	1.36	0.245B	0.332B	21
22	0.149B	1.40 B	0.900B	0.683	0.199	0.617	0.086	0.051	0.063	1.02	0.213B	0.337B	22
23	0.147B	1.74 B	1.60 B	1.20	0.180	0.589	0.097	0.048	0.062	1.04	0.197B	0.343B	23
24	0.145B	2.32 B	2.40 B	2.21	0.174	0.472	0.101	0.048	0.059	0.870	0.175B	0.320B	24
25	0.143B	2.00 B	3.20 B	1.57	0.180	0.463	0.092	0.047	0.067	0.735	0.203B	0.310B	25
26	0.142B	1.80 B	4.60 B	1.17	0.183	0.377	0.086	0.044	0.088	0.732	0.262	0.300B	26
27	0.141B	1.58 B	4.50 B	0.931	0.185	0.311	0.089	0.045	0.111	0.719	1.06	0.293B	27
28	0.140B	1.42 B	4.80 B	0.783	0.180	0.260	0.111	0.046	0.118	0.687	1.26	0.285B	28
29	0.140B		5.60 B	0.694	0.169	0.699	0.110	0.047	0.100	0.631	0.680B	0.278B	29
30	0.140B		7.00 B	0.596	0.223	1.23	0.120	0.056	0.087	0.598	0.740B	0.272B	30
31	0.140B		8.80 B		0.186		0.129	0.069		0.570		0.267B	31
TOTAL	5.230	18.528	59.310	95.653	15.940	24.275	5.894	4.667	2.572	19.511	14.017	14.120	TOTAL
MEAN	0.169	0.662	1.91	3.19	0.514	0.809	0.190	0.151	0.086	0.629	0.467	0.455	MEAN
MAX	0.218	2.32	3.80	15.2	2.46	2.10	0.687	0.592	0.238	2.27	1.26	1.53	MAX
MIN	0.140	0.140	0.500	0.596	0.169	0.169	0.077	0.044	0.043	0.112	0.175	0.267	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.766
MAXIMUM DAILY, 15.2 ON APR 4
MINIMUM DAILY, 0.043 ON SEP 6
MAXIMUM INSTANTANEOUS,
18.3 AT 15:36 EST ON APR 4

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 31 02 N
LONG 84 27 52 W
DRAINAGE AREA, 51.5 km²

B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	452	JUL	509
FEB	1 600	AUG	403
MAR	5 120	SEP	222
APR	8 260	OCT	1 690
MAY	1 380	NOV	1 210
JUN	2 100	DEC	1 220

TOTAL DISCHARGE, 24 200 dam³

BIG CREEK NEAR DELHI - STATION NO. 02GC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.35B	2.55B	10.3	5.21	6.51	2.12	2.05	1.55	3.99	4.02	6.37	4.38	1
2	2.35B	2.37B	9.69	5.15	6.13	2.09	1.95	1.46	12.9	4.12	5.69	4.46	2
3	2.37B	2.25B	9.11	4.98	5.46	2.28	1.84	1.47	8.52	3.80	5.13	4.38	3
4	2.40B	2.18B	7.99	4.57	4.93	2.41	1.77	1.72	8.69	4.05	4.86	4.33	4
5	2.47B	2.16B	7.16	4.30	4.51	2.27	1.67	1.90	10.7	4.47	4.50	4.31	5
6	2.53B	2.16B	6.66	3.92	4.25	2.06	1.59	1.56	13.9	4.24	4.36	4.25	6
7	2.52B	2.17B	6.14	3.57	3.94	1.95	1.50	1.51	11.9	3.73	4.16	4.02	7
8	2.52B	2.18B	5.84	3.33	3.68	1.92	1.28	1.61	8.24	3.52	3.91	3.92	8
9	2.51B	2.19B	5.59	3.24	3.56	2.09	1.50	1.68	6.52	3.42	3.71	3.64	9
10	2.50B	2.25B	5.48	3.07	3.66	2.02	1.28	1.70	4.92	3.41	3.59	2.83	10
11	2.49B	4.60B	5.46	3.14	4.43	1.89	1.05	2.48	4.38	3.26	3.50	3.57	11
12	2.48B	4.40B	5.34	3.12	4.47	1.77	0.824	2.71	3.91	3.16	3.37	3.21	12
13	2.47B	4.15B	5.36	3.08	4.43	1.71	0.702	2.66	3.44	2.99	3.21	3.04	13
14	2.45B	4.00B	5.11	4.43	4.35	1.99	0.312	2.90	3.18	2.85	3.12	2.96	14
15	2.42B	3.85	4.97	5.19	4.56	1.99	0.056	3.53	2.92	2.69	3.08	2.90	15
16	2.40B	5.18	4.87	4.99	4.49	1.82	0.023	3.38	2.89	2.60	3.01	2.88	16
17	2.39B	11.8	4.61	5.93	4.15	1.75	0.021	2.78	3.31	2.46	3.03	2.75	17
18	2.38B	15.4	4.39	7.23	3.98	1.65	0.014	2.43	3.34	3.26	3.01	2.67	18
19	2.38B	25.6	4.20	6.24	3.68	1.58	0.093	2.38	3.13	3.75	3.03	2.60B	19
20	2.37B	31.1	4.05	5.68	3.40	1.52	0.794	2.16	2.99	3.77	3.98	2.58B	20
21	2.36B	26.9	3.96	5.20	3.12	1.82	0.743	1.98	3.19	4.76	4.61	2.56B	21
22	2.35B	21.4	3.91	4.76	2.90	4.76	0.639	1.76	4.15	5.93	4.72	2.58	22
23	2.34B	18.8	3.92	5.60	2.76	4.12	0.638	1.68	4.08	6.59	5.16	3.27	23
24	2.33B	19.8	3.92	6.40	2.60	3.48	0.786	1.65	4.26	6.57	5.43	3.12	24
25	2.33	23.0	3.88	6.60	2.56	3.99	0.730	1.53	5.14	8.49	4.93	2.95	25
26	2.56	15.6	3.99	6.86	2.53	3.89	0.739	1.48	4.90	8.33	4.51	2.91	26
27	2.60	11.9	4.44	6.67	2.47	3.14	0.655	1.47	4.16	7.40	4.34	2.99	27
28	2.52	10.9	4.44	6.66	2.76	2.58	2.01	1.52	3.58	7.77	4.23	2.92	28
29	2.48B		4.42	7.04	2.66	2.33	1.67	1.51	3.14	7.25	4.15	2.83	29
30	2.52B		4.96	6.58	2.53	2.02	1.37	1.39	2.98	7.97	4.16	2.74	30
31	2.80B		5.35		2.38		1.58	1.48		7.39		2.70	31
TOTAL	75.94	280.84	169.51	152.74	117.84	71.01	31.879	61.02	163.35	148.02	124.86	101.25	TOTAL
MEAN	2.45	10.0	5.47	5.09	3.80	2.37	1.03	1.97	5.45	4.77	4.16	3.27	MEAN
MAX	2.80	31.1	10.3	7.23	6.51	4.76	2.05	3.53	13.9	8.49	6.37	4.46	MAX
MIN	2.33	2.16	3.88	3.07	2.38	1.52	0.014	1.39	2.89	2.46	3.01	2.56	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.10
MAXIMUM DAILY, 31.1 ON FEB 20
MINIMUM DAILY, 0.014 ON JUL 18
MAXIMUM INSTANTANEOUS,
32.1 AT 08:09 EST ON FEB 20

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 50 15 N
LONG 80 30 36 W
DRAINAGE AREA, 363 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 560	JUL	2 750
FEB	24 300	AUG	5 270
MAR	14 600	SEP	14 100
APR	13 200	OCT	12 800
MAY	10 200	NOV	10 800
JUN	6 140	DEC	8 750

TOTAL DISCHARGE, 129 000 dam³

BIG CREEK NEAR WALSINGHAM - STATION NO. 02GC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.05B	3.85B	15.6	6.77	9.53	4.75	5.63	3.45	3.25	8.29	9.68	6.65	1
2	3.95B	4.60B	14.1	6.80	9.05	4.50	4.77	3.34	7.78	8.84	8.74	7.12	2
3	3.80B	4.40B	13.1	6.82	8.39	4.73	4.41	3.58	12.1	7.47	8.09	7.15	3
4	3.75B	4.15B	12.0	6.83	7.73	5.26	4.19	3.78	10.7	6.77	7.58	6.91	4
5	3.70B	4.00B	11.0	6.83	7.21	4.84	4.93	4.06	10.9	6.76	7.26	6.75	5
6	3.77B	3.82B	10.3	6.81	6.88	4.58	4.41	3.60	12.1	6.94	7.13	6.70	6
7	3.76B	3.70B	9.61	6.34	6.53	4.33	3.91	3.34	14.5	6.76	7.10	6.63	7
8	3.75B	3.65B	9.08	6.12	6.32	4.17	3.72	3.35	11.9	6.43	6.89	6.50	8
9	3.72B	3.55B	8.76	6.06	6.21	4.21	3.53	3.50	9.07	6.25	6.65	6.37	9
10	3.70B	3.50B	8.59	6.05	6.27	4.27	3.82	3.37	7.31	6.16	6.45	6.18	10
11	3.69B	4.50B	8.55	5.89	7.04	4.16	3.37	3.72	6.43	6.11	6.35	5.75	11
12	3.65B	8.00B	8.42	5.92	7.26	4.02	3.07	4.29	6.15	6.01	6.27	6.04	12
13	3.62B	7.30B	8.20	5.94	6.89	3.92	2.94	4.22	5.74	5.85	6.19	5.83	13
14	3.61B	6.80B	8.03	6.66E	6.70	4.25	2.66	4.29	5.52	5.69	6.10	5.78	14
15	3.60B	6.40B	7.75	8.30	6.94	4.40	2.16	4.53	5.41	5.64	6.00	5.74	15
16	3.58B	6.80B	7.59	7.76	7.39	4.20	1.77	4.93	5.09	5.58	5.93	5.66	16
17	3.56B	15.0 B	7.42	7.94	6.82	3.93	1.57	4.47	6.12	5.51	5.90	5.57	17
18	3.53B	20.0 B	7.18	9.52	6.42	3.83	1.48	4.02	7.07	5.87	5.83	5.40B	18
19	3.52B	23.0 B	6.95	9.59	6.26	3.72	1.47	3.77	6.26	6.55	5.77	5.10B	19
20	3.50B	28.0 B	6.78	8.51	6.06	3.68	1.80	3.70	5.95	6.58	6.39	5.00B	20
21	3.50B	32.0 B	6.68	7.90	5.77	4.42	2.65	3.55	5.63	6.61	7.60	4.95B	21
22	3.50B	33.4	6.64	7.41	5.52	7.21	2.31	3.34	7.84	7.71	7.47	5.05B	22
23	3.50B	30.5	6.62	8.63	5.31	7.90	2.12	3.19	7.28	8.89	7.28	6.80	23
24	3.49B	30.2	6.61	9.77	5.15	6.29	2.19	3.07	6.63	9.25	7.56	6.53	24
25	3.49B	28.4	6.58	9.77	5.05	7.24	2.28	2.98	6.60	9.28	7.56	6.05	25
26	3.56B	26.8	6.55	9.30	4.98	7.23	2.44	2.90	7.06	11.0	7.07	5.77	26
27	3.70B	21.5	6.55	9.30	4.88	6.12	2.60	2.89	6.69	11.1	6.86	5.70	27
28	3.57B	16.6	6.60	10.0	5.41	5.40	3.50	2.99	6.27	11.6	6.74	5.70	28
29	3.52B		6.63	11.9	5.41	4.88	5.83	3.09	5.98	10.9	6.62	5.60	29
30	3.50B		6.64	10.6	5.22	4.68	3.92	3.04	5.75	10.1	6.51	5.42	30
31	3.55B		6.70		5.09		3.48	3.77		10.5		5.33	31
TOTAL	112.69	384.42	261.81	236.04	199.69	147.12	98.93	112.12	225.08	237.00	207.57	185.73	TOTAL
MEAN	3.64	13.7	8.45	7.87	6.44	4.90	3.19	3.62	7.50	7.65	6.92	5.99	MEAN
MAX	4.05	33.4	15.6	11.9	9.53	7.90	5.83	4.93	14.5	11.6	9.68	7.15	MAX
MIN	3.49	3.50	6.55	5.89	4.88	3.68	1.47	2.89	3.25	5.51	5.77	4.95	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.60
MAXIMUM DAILY, 33.4 ON FEB 22
MINIMUM DAILY, 1.47 ON JUL 19

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 41 05 N
LONG 80 32 15 W
DRAINAGE AREA, 591 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 740	JUL	8 550
FEB	33 200	AUG	9 690
MAR	22 600	SEP	19 400
APR	20 400	OCT	20 500
MAY	17 300	NOV	17 900
JUN	12 700	DEC	16 000

TOTAL DISCHARGE, 208 000 dam³

BIG OTTER CREEK ABOVE OTTERVILLE - STATION NO. 02GC017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.366	0.336	3.12 E	1.53	1.67	0.415	0.279	0.192	2.53	0.761	1.46	0.938	1
2	0.360	0.403	2.62	1.30	1.30	0.381	0.275	0.183	1.92	1.77	1.30	1.20	2
3	0.358	0.391	2.01	1.08	1.06	0.393	0.262	0.189	4.02	1.37	1.14	1.39	3
4	0.340	0.396	1.54	0.953	0.927	0.521	0.271	0.237	4.34	0.980	1.00	1.17	4
5	0.325	0.385	1.40	0.877	0.852	0.486	0.269	0.214	6.59	0.820	0.911	0.990	5
6	0.313	0.368	1.31	0.788	0.802	0.416	0.270	0.196	2.78	0.772	0.888	0.882	6
7	0.316	0.348	1.21	0.704	0.706	0.363	0.238	0.179	1.80	0.912	0.885	0.827	7
8	0.312	0.344	1.13	0.663	0.656	0.318	0.225	0.188	1.38	0.900	0.822	0.811	8
9	0.305	0.326	1.10	0.643	0.628	0.421	0.213	0.327	1.09	0.779	0.763	0.743	9
10	0.304	0.321	1.12	0.598	0.645	0.430	0.212	0.357	0.867	0.687	0.704	0.649	10
11	0.302	0.660	1.14	0.600	0.953	0.382	0.188	0.487	0.732	0.656	0.677	0.615	11
12	0.298	1.20 B	1.14	0.631	1.18	0.330	0.190	0.995	0.642	0.613	0.655	0.566	12
13	0.292	1.60 B	1.14	0.624	1.03	0.315	0.149	0.833	0.577	0.575	0.626	0.539	13
14	0.297	1.42 B	1.07	1.28	0.878	0.390	0.064	0.463	0.518	0.541	0.606	0.528	14
15	0.294	1.38	0.975	2.51	0.868	0.464	0.032	0.406	0.475	0.520	0.593	0.536	15
16	0.295	1.20	0.960	1.69	0.954	0.407	0.023	0.488	0.428	0.511	0.598	0.533	16
17	0.296	3.71	0.889	1.46	0.882	0.345	0.007	0.487	0.445	0.476	0.607	0.516	17
18	0.297	10.9	0.796	1.97	0.766	0.302	0.029	0.346	0.562	0.972	0.596	0.464	18
19	0.294	12.8	0.748	1.83	0.689	0.281	0.042	0.271	0.586	2.49	0.578	0.460	19
20	0.299	12.6	0.709	1.41	0.645	0.285	0.150	0.249	0.564	1.92	0.881	0.429	20
21	0.292	9.89	0.704	1.11	0.594	0.313	0.238	0.230	0.564	1.43	2.23	0.407	21
22	0.287	7.20	0.692	0.947	0.561	0.947	0.195	0.209	1.32	1.42	1.88	0.426	22
23	0.292	6.09 E	0.728	1.22	0.527	1.49	0.139	0.201	1.90	3.83	1.38	0.548	23
24	0.294	8.08 E	0.749	2.73	0.499	0.857	0.117	0.193	1.26	3.91	1.11	0.680	24
25	0.292	5.65	0.777	3.03	0.496	0.616	0.104	0.187	0.925	2.31	0.951	0.624	25
26	0.300	3.84	0.803	1.99	0.490	0.478	0.132	0.168	0.799	1.77	0.855	0.579	26
27	0.357	2.91	1.03	1.51	0.478	0.394	0.097	0.170	0.730	1.86	1.01	0.556	27
28	0.366	2.60 E	1.09	1.49	0.504	0.332	0.174	0.191	0.644	3.61	1.27	0.537	28
29	0.316B		1.06	2.40	0.520	0.292	0.388	0.211	0.559	2.89	1.09	0.509	29
30	0.305B		1.28	2.30	0.490	0.279	0.308	0.305	0.525	2.01	0.952	0.471	30
31	0.299B		1.76		0.459		0.234	8.46		1.68		0.472	31
TOTAL	9.663	97.348	36.800	41.868	23.709	13.643	5.514	17.812	42.072	45.745	29.018	20.595	TOTAL
MEAN	0.312	3.48	1.19	1.40	0.765	0.455	0.178	0.575	1.40	1.48	0.967	0.664	MEAN
MAX	0.366	12.8	3.12	3.03	1.67	1.49	0.388	8.46	6.59	3.91	2.23	1.39	MAX
MIN	0.287	0.321	0.692	0.598	0.459	0.279	0.007	0.168	0.428	0.476	0.578	0.407	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.05
MAXIMUM DAILY, 12.8 ON FEB 19
MINIMUM DAILY, 0.007 ON JUL 17
MAXIMUM INSTANTANEOUS,
16.8 AT 08:25 EST ON AUG 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 57 55 N
LONG 80 32 35 W
DRAINAGE AREA, 93.2 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	835	JUL	476
FEB	8 410	AUG	1 540
MAR	3 180	SEP	3 640
APR	3 620	OCT	3 950
MAY	2 050	NOV	2 510
JUN	1 180	DEC	1 780

TOTAL DISCHARGE, 33 200 dam³

BIG OTTER CREEK AT TILLSONBURG - STATION NO. 02GC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.48B	1.20B	11.7	5.73	6.99	1.63	1.43	0.770	8.04	3.78	4.98	3.55	1
2	1.43B	1.50B	9.74	4.84	5.29	1.53	1.13	0.695	6.36	6.96	4.40	4.29	2
3	1.38B	2.20B	7.60	4.07	4.22	2.09	1.11	0.773	6.63	6.05	3.96	4.94	3
4	1.34B	1.93	5.90	3.53	3.62	1.99	1.02	0.913	11.8	4.27	3.54	4.48	4
5	1.29B	1.84	5.18	3.13	3.29	1.84	1.17	1.09	13.3	3.42	3.26	3.82	5
6	1.27B	1.75	4.70	2.79	2.98	1.64	1.22	0.829	11.0	3.14	3.19	3.35	6
7	1.26B	1.68	4.32	2.55	2.79	1.49	0.994	0.776	6.70	3.16	3.04	3.10	7
8	1.24B	1.63	4.04	2.37	2.53	1.47	0.911	0.852	4.92	3.27	2.90	3.00	8
9	1.22B	1.55	4.00	2.35	2.40	1.72	0.921	0.819	3.71	2.95	2.73	2.82	9
10	1.21B	1.57	4.06	2.21	2.57	1.69	0.848	0.936	2.93	2.66	2.56	2.35	10
11	1.20B	5.56	4.12	2.27	3.50	1.55	0.705	3.70	2.47	2.33	2.41	2.23B	11
12	1.19B	5.80B	4.07	2.30	3.88	1.41	0.709	2.09	2.16	2.22	2.30	2.13B	12
13	1.19B	6.40B	4.05	2.33	3.71	1.42	0.741	2.08	1.89	2.06	2.20	2.04	13
14	1.18B	5.70B	3.88	5.36	3.27	1.62	0.558	1.82	1.77	1.95	2.10	1.98	14
15	1.17B	5.25	3.56	9.07	3.20	1.65	0.369	1.68	1.57	1.98	2.05	1.98	15
16	1.17B	5.62	3.32	6.96	3.17	1.53	0.336	1.49	1.45	1.86	2.15	1.96	16
17	1.16B	17.7	3.09	6.22	3.02	1.43	0.337	1.30	1.82	1.78	2.13	1.91	17
18	1.16B	32.0	2.77	12.3	2.73	1.29	0.326	1.21	2.02	5.01	2.10	1.85B	18
19	1.15B	36.5	2.59	10.1	2.50	1.28	0.304	1.04	2.01	9.45	2.14	1.77B	19
20	1.15B	38.8	2.45	6.81	2.30	1.19	0.413	0.904	1.93	7.75	3.53	1.68B	20
21	1.15B	34.0	2.44	5.09	2.12	1.56	0.443	0.847	1.95	6.14	6.73	1.66	21
22	1.15B	24.7	2.45	4.14	2.04	3.99	0.500	0.798	3.45	6.67	7.07	1.72	22
23	1.14B	32.3	2.50	6.02	1.94	4.11	0.460	0.773	4.79	15.5	5.37	2.59	23
24	1.14B	41.5	2.59	10.8	1.90	3.56	0.401	0.797	4.23	13.8	4.28	2.80	24
25	1.14B	22.9	2.59	11.5	1.89	2.65	0.366	0.606	3.10	9.69	3.67	2.60B	25
26	1.17B	14.3	2.81	8.34	1.91	2.15	0.579	0.740	2.64	6.96	3.26	2.41	26
27	1.22B	11.0	3.35	6.18	1.86	1.83	0.548	0.731	2.30	7.30	3.43	2.20	27
28	1.40B	10.9	3.94	6.67	1.97	1.60	0.986	0.878	2.14	12.8	3.97	2.13	28
29	1.30B		3.92	10.6	1.91	1.38	1.20	0.852	1.95	10.9	3.94	2.02	29
30	1.25B		4.42	9.25	1.82	1.18	1.04	1.11	1.84	7.77	3.49	1.90B	30
31	1.21B		5.81		1.72		0.902	2.08		5.99		1.80B	31
TOTAL	38.11	367.78	131.96	175.88	89.04	55.47	22.977	35.979	122.87	179.57	102.88	79.06	TOTAL
MEAN	1.23	13.1	4.26	5.86	2.87	1.85	0.741	1.16	4.10	5.79	3.43	2.55	MEAN
MAX	1.48	41.5	11.7	12.3	6.99	4.11	1.43	3.70	13.3	15.5	7.07	4.94	MAX
MIN	1.14	1.20	2.44	2.21	1.72	1.18	0.304	0.606	1.45	1.78	2.05	1.66	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.84
MAXIMUM DAILY, 41.5 ON FEB 24
MINIMUM DAILY, 0.304 ON JUL 19
MAXIMUM INSTANTANEOUS,
45.8 AT 06:34 EST ON FEB 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 51 40 N
LONG 80 43 10 W
DRAINAGE AREA, 342 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 290	JUL	1 990
FEB	31 800	AUG	3 110
MAR	11 400	SEP	10 600
APR	15 200	OCT	15 500
MAY	7 690	NOV	8 890
JUN	4 790	DEC	6 830

TOTAL DISCHARGE, 121 000 dam³

BIG OTTER CREEK NEAR CALTON - STATION NO. 02GC026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.35B	3.45B	34.9	10.0	15.7	3.86	3.82	2.81	5.98E	19.2	10.1	6.77	1
2	4.25B	3.60B	23.7	8.70	11.5	3.69	4.05E	2.64	9.46E	18.6	8.73	8.60	2
3	4.22B	3.85B	17.1	7.27	8.87	3.92	3.84E	2.94	7.39E	13.5	7.87	9.39	3
4	4.16B	4.20B	13.5	6.37	7.47	5.53	3.67E	3.03	13.0 E	9.50	7.09	8.95	4
5	4.11B	4.60B	11.5	5.92	6.69	4.27	3.59E	3.17	20.7 E	7.09	6.60	7.64	5
6	4.06B	4.25B	10.4	5.52	6.25	3.94	3.44A	3.02	23.1 E	6.30	6.62	6.78	6
7	4.01B	4.05B	9.39	5.17	5.78	3.64	3.30E	2.78	16.2 E	6.07	6.87	6.30	7
8	4.00B	3.90B	8.60	4.91	5.43	3.48	3.08E	3.07	10.3 E	6.11	6.38	6.17	8
9	3.95B	3.80B	8.20	4.78	5.18	3.54	2.90E	3.07	6.25A	5.90	5.99	5.91	9
10	3.90B	3.70B	8.21	4.65	5.11	3.61	2.78E	2.80	5.57E	5.56	5.64	5.46	10
11	3.87B	5.20B	8.42	4.67	5.41E	3.53	2.69A	12.6	5.02A	5.17	5.48	5.34	11
12	3.85B	8.80B	8.39	4.78	7.49E	3.38	2.60E	8.90	4.62	4.86	5.30	5.53	12
13	3.82B	12.5 B	8.13	4.88	7.33	3.27	2.50E	5.34	4.19	4.70	5.15	4.93	13
14	3.78B	16.0 B	7.74	10.3	6.52	3.67	2.47E	11.3	4.00	4.49	5.04	4.63	14
15	3.75B	13.0 B	7.17	16.0	6.25	3.77	2.44E	5.72	3.76	4.43	4.96	4.64	15
16	3.70B	16.0 B	6.77	13.8	6.28	3.49	2.39E	5.48	3.55	4.36	4.94	4.64	16
17	3.68B	22.0 B	6.32	10.7	5.97	3.28	2.39E	4.22	4.15	4.20	4.98	4.59	17
18	3.63B	32.0 B	5.94	14.0	5.55	3.12	2.38E	3.66	5.70	13.0	4.88	4.26	18
19	3.60B	46.0 B	5.62	22.1	5.15	2.99	2.39E	3.42	5.12	19.1	4.83	4.20B	19
20	3.58B	58.0 B	5.41	14.5	4.86	2.92	2.41A	3.18	4.79	16.1	7.50	4.20B	20
21	3.56B	54.0 B	5.23A	10.3	4.52	3.54	2.38	3.03	4.51	12.3	14.1	4.20B	21
22	3.53B	50.0 B	5.13E	8.14	4.30	12.2	2.21	2.93	11.2	13.3	14.3	4.27B	22
23	3.50B	68.0 B	5.14E	13.0	4.17	13.4	2.12	2.84	8.85	27.7	11.3	5.40B	23
24	3.48B	76.3 E	5.19E	19.8	4.02	7.49	2.05	2.81	7.99	29.4	8.77	7.60B	24
25	3.45B	60.6 E	5.32A	22.9	4.08	9.38	1.91	2.75	6.30	20.9	7.34	7.00B	25
26	3.53B	56.0	5.69E	17.7	4.02	5.85	1.98	2.61	5.54	14.8	6.60	6.60B	26
27	4.00B	49.0	6.37E	12.7	3.95	4.60	2.31	2.66	5.11	14.9	6.68	6.00B	27
28	3.80B	41.3	6.66A	15.0	4.19	4.03	4.87	2.74	4.61	24.1	6.96	5.70B	28
29	3.55B		6.82	25.2	4.17	3.67	4.88	2.87	4.32	23.4	7.26	5.50B	29
30	3.45B		7.34	21.6	4.09	3.49	3.56	3.00	4.10	17.0	6.78	5.30B	30
31	3.40B		9.20		4.11		3.12	3.42E		12.4		5.20B	31
TOTAL	117.54	724.10	283.50	345.36	184.41	140.55	90.52	124.81	225.38	388.44	215.04	181.70	TOTAL
MEAN	3.79	25.9	9.15	11.5	5.95	4.69	2.92	4.03	7.51	12.5	7.17	5.86	MEAN
MAX	4.35	76.3	34.9	25.2	15.7	13.4	4.88	12.6	23.1	29.4	14.3	9.39	MAX
MIN	3.40	3.45	5.13	4.65	3.95	2.92	1.91	2.61	3.55	4.20	4.83	4.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.28
MAXIMUM DAILY, 76.3E ON FEB 24
MINIMUM DAILY, 1.91 ON JUL 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 42 30 N
LONG 80 50 20 W
DRAINAGE AREA, 676 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 200	JUL	7 820
FEB	62 600	AUG	10 800
MAR	24 500	SEP	19 500
APR	29 800	OCT	33 600
MAY	15 900	NOV	18 600
JUN	12 100	DEC	15 700

TOTAL DISCHARGE, 261 000 dam³

BIG TROUT LAKE AT TROUT LAKE - STATION NO. 04CE001

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	213.893	214.073	214.031	214.076	---	---	---	1
2	---	---	---	---	---	213.897	214.073	214.019	214.073	---	---	---	2
3	---	---	---	---	---	213.892	214.065	214.027	214.088	---	---	---	3
4	---	---	---	---	---	213.896	214.071	214.031	214.063	214.266	---	---	4
5	---	---	---	---	---	213.902	214.073	214.021	214.068	---	---	---	5
6	---	---	---	---	---	213.927	214.071	214.051	214.048	---	---	---	6
7	---	---	---	---	---	213.932	214.075	214.056	214.098	---	---	---	7
8	---	---	---	---	---	213.942	214.061	214.061	214.098	---	214.266	---	8
9	---	---	---	---	---	213.947	214.075	214.063	214.098	---	---	---	9
10	---	---	---	---	---	213.952	214.078	214.069	214.103	---	---	---	10
11	---	---	---	---	---	213.957	214.073	214.068	214.098	---	---	---	11
12	---	---	---	---	---	213.954	214.073	214.071	214.117	---	---	---	12
13	---	---	---	---	---	213.962	214.068	214.070	214.167	---	---	---	13
14	---	---	---	---	---	213.962	214.065	214.068	214.117	---	---	---	14
15	---	---	---	---	---	213.987	214.063	214.065	214.117	---	---	---	15
16	---	---	---	---	---	213.992	214.059	214.070	214.217	---	---	---	16
17	---	---	---	---	---	214.007	214.043	214.070	214.267	---	---	---	17
18	---	---	---	---	---	214.012	214.043	214.074	214.217	---	---	---	18
19	---	---	---	---	213.796	214.017	214.038	214.075	214.167	---	---	---	19
20	213.967	---	---	---	213.804	214.024	214.033	214.080	214.117	---	---	---	20
21	---	---	---	---	213.810	214.032	214.023	214.085	214.117	214.271	---	---	21
22	---	---	---	---	213.819	214.042	214.020	214.087	214.116	214.278	---	---	22
23	---	---	---	---	213.831	214.037	214.018	214.089	214.116	214.271	---	---	23
24	---	---	---	---	213.841	214.042	214.012	214.089	214.116	---	---	---	24
25	---	---	---	---	213.846	214.052	214.106	214.074	214.116	---	---	---	25
26	---	---	---	---	213.851	214.052	214.012	214.069	214.111	---	---	---	26
27	---	---	---	---	213.856	214.057	214.010	214.076	214.171	---	---	---	27
28	---	---	213.423	---	213.866	214.064	214.002	214.076	---	---	---	---	28
29	---		---	---	213.876	214.062	213.992	214.069	214.286	---	---	---	29
30	---		---	---	213.886	214.070	214.002	214.067	214.291	---	---	---	30
31	---		---		213.892		214.017	214.064		---		---	31
MEAN	---	---	---	---	---	213.985	214.048	214.064	---	---	---	---	MEAN
MAX	---	---	---	---	---	214.070	214.106	214.089	---	---	---	---	MAX
MIN	---	---	---	---	---	213.892	213.992	214.019	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 45 00 N
LONG 89 54 00 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BIG TURKEY LAKE (OUTFLOW A) ABOVE BATCHAWANA RIVER - STATION NO. 02BF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.103B	0.067B	0.180	2.64	0.301	0.275E	0.569	0.029	0.030	0.039E	0.171	0.113	1
2	0.106B	0.067B	0.183	2.30	0.268	0.270E	0.466	0.056	0.030	0.040E	0.177	0.139	2
3	0.104B	0.067B	0.182	2.12	0.298	1.20 E	0.393	0.066	0.025	0.040E	0.152	0.131	3
4	0.102B	0.068B	0.178	2.79	0.380	1.16	0.333	0.049	0.023	0.040E	0.143	0.123	4
5	0.099B	0.068B	0.178	2.49	0.866	0.793	0.285	0.042	0.017	0.041E	0.156	0.119	5
6	0.097B	0.068B	0.166	1.91	0.834	0.640	0.248	0.091	0.014	0.048E	0.168	0.114	6
7	0.094B	0.069B	0.158	1.47	0.789	0.578	0.227	0.090	0.013	0.054E	0.163	0.115	7
8	0.093B	0.069B	0.143	1.24	0.702	0.605	0.202	0.071	0.013	0.062E	0.162	0.108	8
9	0.092B	0.070B	0.135	1.16	0.601	0.544	0.172	0.068	0.014	0.053E	0.156	0.100	9
10	0.091B	0.070B	0.129	1.19	0.510	0.451	0.139	0.073	0.016	0.049E	0.155	0.094B	10
11	0.090B	0.071B	0.123	1.27	0.431	0.370	0.126	0.078	0.033	0.042E	0.155	0.090B	11
12	0.088B	0.071B	0.104	1.28	0.380E	0.350	0.110	0.081	0.033	0.036E	0.143	0.086B	12
13	0.086B	0.072B	0.101	1.31	0.325E	0.315	0.099	0.078	0.025	0.031E	0.140	0.096B	13
14	0.084B	0.073B	0.098	1.68	0.274E	0.275	0.090	0.080	0.026	0.040E	0.137	0.108B	14
15	0.083B	0.074B	0.100	1.44	0.236E	2.30	0.077	0.107	0.021	0.078E	0.136	0.115B	15
16	0.082B	0.075B	0.106	1.24	0.200E	2.16	0.064	0.086	0.015	0.070E	0.136	0.113B	16
17	0.081B	0.076B	0.124	1.15	0.183E	1.85	0.070	0.082	0.017	0.061	0.124	0.108B	17
18	0.079B	0.078B	0.126	1.02	0.167E	1.35	0.064	0.062	0.019	0.165	0.126	0.102B	18
19	0.078B	0.080B	0.122	0.874	0.152E	0.954	0.060	0.047	0.017	0.155	0.128	0.104B	19
20	0.076B	0.083B	0.103	0.756	0.134E	0.673	0.057	0.044	0.017	0.215	0.122	0.100B	20
21	0.074B	0.087B	0.102	0.639	0.119E	0.510	0.053	0.039	0.019	0.198	0.114	0.095B	21
22	0.073B	0.091	0.100	0.545	0.109E	0.398	0.046	0.037	0.040	0.181	0.108	0.091B	22
23	0.071B	0.146	0.087	0.556	0.101E	0.335	0.041	0.039	0.035	0.199	0.104	0.087	23
24	0.070B	0.194	0.087	0.565	0.096E	0.500	0.040	0.037	0.031	0.197	0.101	0.083	24
25	0.069B	0.162	0.089	0.514	0.100E	0.599	0.047	0.035	0.029	0.201	0.097	0.095	25
26	0.068B	0.155	0.095	0.468	0.097E	0.462	0.042	0.032	0.025	0.195	0.099	0.098	26
27	0.068B	0.155	0.109	0.434	0.096E	0.442	0.034	0.033	0.030	0.183	0.109	0.094	27
28	0.067B	0.182	0.222	0.388	0.140E	0.459	0.032	0.026	0.034	0.188	0.116	0.091	28
29	0.067B		1.21	0.361	0.212E	0.852	0.031	0.028	0.036E	0.183	0.113	0.095	29
30	0.066B		2.23	0.334	0.290E	0.701	0.029	0.026	0.038E	0.174	0.111	0.090B	30
31	0.066B		2.53		0.280E		0.030	0.027		0.177		0.098B	31
TOTAL	2.567	2.608	9.600	36.134	9.671	22.371	4.276	1.739	0.735	3.435	4.022	3.195	TOTAL
MEAN	0.083	0.093	0.310	1.20	0.312	0.746	0.138	0.056	0.025	0.111	0.134	0.103	MEAN
MAX	0.106	0.194	2.53	2.79	0.866	2.30	0.569	0.107	0.040	0.215	0.177	0.139	MAX
MIN	0.066	0.067	0.087	0.334	0.096	0.270	0.029	0.026	0.013	0.031	0.097	0.083	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.275
MAXIMUM DAILY, 2.79 ON APR 4
MINIMUM DAILY, 0.013 ON SEP 7
MAXIMUM INSTANTANEOUS,
3.14 AT 03:26 EST ON JUN 15

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 04 08 N
LONG 84 26 07 W
DRAINAGE AREA, 11.5 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	222	JUL	369
FEB	225	AUG	150
MAR	829	SEP	63.5
APR	3 120	OCT	297
MAY	836	NOV	348
JUN	1 930	DEC	276

TOTAL DISCHARGE, 8 670 dam³

BIG TURKEY LAKE (OUTFLOW B) NEAR BATCHAWANA MOUNTAIN - STATION NO. 02BF006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.108	0.064	0.158	1.93	0.274	0.245	0.422	0.015	0.010	0.031	0.141	0.102	1
2	0.108	0.066	0.169	1.78	0.260	0.232	0.382	0.022	0.011	0.032	0.140	0.115	2
3	0.102	0.066	0.168	1.59	0.268	0.462	0.335	0.021	0.010	0.031	0.136	0.112	3
4	0.096	0.064	0.165	1.88	0.309	0.745	0.305	0.041	0.009	0.029	0.134	0.106	4
5	0.091	0.064	0.153	2.05	0.527	0.700	0.274	0.049	0.008	0.027	0.140	0.103	5
6	0.093	0.065	0.141	1.61	0.688	0.655	0.243	0.052	0.008	0.034	0.148	0.100	6
7	0.091	0.066	0.138	1.23	0.689	0.588	0.216	0.064	0.008	0.044	0.146	0.100	7
8	0.091	0.067	0.132	1.00	0.608	0.552	0.183	0.068	0.009	0.045	0.142	0.095	8
9	0.095	0.067	0.129	0.869	0.522	0.462	0.158	0.065	0.009	0.046	0.134	0.091	9
10	0.090	0.070	0.124	0.875	0.437	0.393	0.130	0.073	0.010	0.046	0.138	0.087	10
11	0.091	0.071	0.119	0.934	0.356	0.332	0.110	0.068	0.040E	0.047	0.148	0.082	11
12	0.088	0.071	0.109	1.02	0.299	0.312	0.097	0.067	0.035E	0.048	0.136	0.079	12
13	0.086	0.070	0.107	1.05	0.269	0.294	0.084	0.064	0.030E	0.045	0.132	0.080	13
14	0.086	0.070	0.101	1.26	0.242	0.269	0.072	0.065	0.023E	0.051	0.130	0.089	14
15	0.082	0.068	0.100	1.27	0.218	1.06	0.064	0.059	0.014E	0.076	0.127	0.096	15
16	0.080	0.068	0.108	1.10	0.193	1.77	0.057	0.051	0.010E	0.081	0.124	0.090	16
17	0.080	0.070	0.112	0.977	0.172	1.52	0.051	0.044	0.011E	0.082	0.119	0.088	17
18	0.079	0.071	0.108	0.881	0.149	1.11	0.049	0.039	0.012E	0.126	0.110	0.083	18
19	0.076	0.077	0.105	0.764	0.134	0.797	0.042	0.033	0.011E	0.143	0.108	0.080	19
20	0.075	0.077	0.104	0.654	0.129	0.580	0.035	0.026	0.011E	0.164	0.106	0.076	20
21	0.071	0.079	0.102	0.542	0.118	0.455	0.030	0.022	0.013E	0.179	0.102	0.077	21
22	0.069	0.081	0.096	0.460	0.112	0.359	0.024	0.020	0.030E	0.184	0.100	0.077	22
23	0.068	0.087	0.095	0.430	0.103	0.306	0.021	0.018	0.028E	0.196	0.098	0.073	23
24	0.067	0.101	0.094	0.449	0.099	0.325	0.017	0.016	0.026E	0.192	0.095	0.076	24
25	0.066	0.116	0.090	0.415	0.101	0.385	0.018	0.014	0.024E	0.189	0.092	0.085	25
26	0.065	0.120	0.086	0.388	0.099	0.336	0.017	0.012	0.023E	0.183	0.092	0.086	26
27	0.066	0.126	0.084	0.360	0.095	0.300	0.014	0.012	0.024E	0.175	0.101	0.083	27
28	0.065	0.150	0.113	0.334	0.119	0.273	0.011	0.010	0.025E	0.163	0.104	0.086	28
29	0.063		0.339	0.316	0.196	0.417	0.011	0.010	0.027E	0.152	0.105	0.086	29
30	0.062		1.13	0.296	0.261	0.452	0.010	0.011	0.028	0.145	0.101	0.084	30
31	0.062		1.92		0.253		0.009	0.010		0.140		0.092	31
TOTAL	2.512	2.232	6.699	28.714	8.299	16.666	3.491	1.141	0.537	3.126	3.629	2.759	TOTAL
MEAN	0.081	0.080	0.216	0.957	0.268	0.556	0.113	0.037	0.018	0.101	0.121	0.089	MEAN
MAX	0.108	0.150	1.92	2.05	0.689	1.77	0.422	0.073	0.040	0.196	0.148	0.115	MAX
MIN	0.062	0.064	0.084	0.296	0.095	0.232	0.009	0.010	0.008	0.027	0.092	0.073	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.219
MAXIMUM DAILY, 2.05 ON APR 5
MINIMUM DAILY, 0.008 ON SEP 5

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 03 04 N
LONG 84 24 48 W
DRAINAGE AREA, 8.64 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	217	JUL	302
FEB	193	AUG	98.6
MAR	579	SEP	46.4
APR	2 480	OCT	270
MAY	717	NOV	314
JUN	1 440	DEC	238

TOTAL DISCHARGE, 6 900 dam³

BIG TURKEY LAKE (STATION E) NEAR BATCHEWANA MOUNTAIN - STATION NO. 02EF009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.065	0.557	0.058	0.023	0.059	0.010	0.001	0.002	0.088	0.018	1
2	---	---	0.059	0.397	0.048	0.034	0.038	0.011	0.001	0.003	0.064	0.020	2
3	---	---	0.053	0.415	0.051	0.513	0.027	0.005	0.001	0.004	0.047	0.020	3
4	---	---	0.048	0.909	0.082	0.301	0.022	0.060	0	0.004	0.038	0.018	4
5	---	---	0.043	0.431	0.331	0.114	0.017	0.031	0	0.005	0.037	0.017	5
6	---	---	0.039	0.266	0.133	0.082	0.013	0.016	0	0.014	0.050	0.016	6
7	---	---	0.038	0.200	0.077	0.061	0.011	0.012	0.001	0.016	0.046	0.016	7
8	---	---	0.036	0.171	0.053	0.065	0.009	0.009	0.001	0.010	0.039	0.016	8
9	---	---	0.034	0.162	0.039	0.063	0.008	0.006	0.002	0.008	0.032	0.015	9
10	---	---	0.032	0.216	0.035	0.052	0.005	0.014	0.002	0.007	0.029	0.013	10
11	---	---	0.030	0.254	0.027	0.044	0.004	0.011	0.002	0.006	0.029	0.013	11
12	---	---	0.030	0.213	0.027	0.041	0.003	0.008	0.002	0.006	0.025	0.013	12
13	---	---	0.031	0.186	0.031	0.043	0.003	0.006	0.001	0.005	0.023	0.013	13
14	---	---	0.028	0.329	0.030	0.038	0.002	0.004	0.001	0.010	0.024	0.014	14
15	---	---	0.027	0.160	0.026	0.892E	0.002	0.004	0.001	0.040	0.026	0.016	15
16	---	---	0.029	0.117	0.024	0.216E	0.001	0.003	0.001	0.030	0.027	0.015	16
17	---	---	0.027	0.131	0.021	0.097E	0.002	0.002	0.001	0.021	0.028	0.014	17
18	---	---	0.029	0.124	0.020	0.073	0.002	0.001	0	0.107	0.035	0.014	18
19	---	---	0.029	0.099	0.018	0.068	0.001	0.001	0	0.092	0.040	0.013	19
20	---	---	0.031	0.082	0.017	0.050	0.001	0.001	0	0.099	0.033	0.012	20
21	---	---	0.031	0.067	0.016	0.042	0.001	0.001	0	0.098	0.027	0.013	21
22	---	---	0.031	0.060	0.014	0.037	0.001	0	0	0.061	0.023	0.012	22
23	---	---	0.033	0.066	0.014	0.031	0	0.001	0	0.048	0.020	0.013	23
24	---	---	0.035	0.078	0.013	0.081	0.001	0	0	0.039	0.022	0.013	24
25	---	---	0.037	0.073	0.012	0.125	0.002	0	0	0.034	0.022	0.014	25
26	---	0.101	0.046	0.071	0.013	0.069	0.001	0	0	0.031	0.018	0.014	26
27	---	0.085	0.054	0.063	0.011	0.043	0.001	0.001	0.002	0.031	0.019	0.014	27
28	---	0.071	0.078	0.077	0.011	0.033	0	0	0.003	0.038	0.022	0.014	28
29	---		0.406B	0.071	0.012	0.134	0	0	0.002	0.038	0.020	0.014	29
30	---		1.21	0.063	0.021	0.102	0	0.001	0.001	0.041	0.019	0.014	30
31	---		0.459		0.017		0	0.001		0.078		0.014	31
TOTAL	---	---	3.158	6.108	1.302	3.567	0.237	0.220	0.026	1.026	0.972	0.455	TOTAL
MEAN	---	---	0.102	0.204	0.042	0.119	0.008	0.007	0.001	0.033	0.032	0.015	MEAN
MAX	---	---	1.21	0.909	0.331	0.892	0.059	0.060	0.003	0.107	0.088	0.020	MAX
MIN	---	---	0.027	0.060	0.011	0.023	0	0	0	0.002	0.018	0.012	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.21 ON MAR 30
MINIMUM DAILY, 0 ON JUL 23
MAXIMUM INSTANTANEOUS,
2.19 AT 01:00 EST ON MAR 30

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 03 43 N
LONG 84 23 55 W
DRAINAGE AREA, 2.02 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	20.5
FEB	---	AUG	19.0
MAR	273	SEP	2.25
APR	528	OCT	88.6
MAY	112	NOV	84.0
JUN	308	DEC	39.3

BIGHEAD RIVER NEAR MEAFORD - STATION NO. 02FB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.65B	2.75B	15.0	11.1	3.75	2.99	2.76	1.04	2.96	1.45	2.34	5.54	1
2	3.50B	3.20B	11.9	9.08	3.34	2.50	2.28	0.723	6.07	2.60	2.35	8.98	2
3	3.45B	3.15B	8.98	7.48	3.21	3.82	2.04	1.09	3.53	3.13	2.18	7.76	3
4	3.32B	3.05B	9.30	8.01	3.04	11.3	5.00	1.43	5.42	2.39	2.15	6.42	4
5	3.22B	2.95B	8.18	7.17	2.98	5.07	14.4	1.53	6.11	2.33	2.06	5.61	5
6	3.12B	2.90B	7.53	6.21	3.26	3.58	3.89	1.17	3.94	5.84	2.46	4.99	6
7	3.05B	2.82B	6.93	5.41	2.89	2.90	2.56	1.04	3.25	11.9	3.41	4.79	7
8	3.00B	2.78B	6.91	4.98	2.84	2.60	2.02	1.22	2.96	7.00	2.86	5.42	8
9	2.95B	2.79B	7.32	11.4	2.45	2.94	1.75	2.76	2.97	4.68	2.61	4.29	9
10	2.88B	3.52B	7.31	8.95	3.61	3.24	1.54	1.58	2.54	3.67	2.41	5.50	10
11	2.84B	4.80B	6.83	8.28	18.0	4.33	1.42	1.33	2.17	3.06	2.42	6.92B	11
12	2.78B	7.00B	6.36	7.16	20.0	3.18	1.16	1.10	1.94	2.73	2.37	6.49B	12
13	2.75B	7.40B	6.33	5.87	12.0	2.83	1.31	1.05	1.41	2.54	2.18	5.37B	13
14	2.71B	7.00B	5.51	8.54	7.89	2.61	1.18	0.874	1.56	2.31	2.12	5.00B	14
15	2.68B	6.60B	5.95B	8.12	6.94	2.74	1.09	2.09	1.49	2.26	1.84	4.65B	15
16	2.64B	9.00B	5.60B	6.11	7.26	2.39	1.07	2.33	1.44	2.32	2.87	4.30B	16
17	2.62B	18.9 B	5.30B	5.66	5.62	2.54	0.989	1.68	1.24	2.11	5.86	4.20B	17
18	2.60B	40.0 B	5.35B	6.70	4.71	2.20	1.04	1.35	1.19	3.95	3.86	4.15B	18
19	2.55B	54.0 B	5.40B	5.63	4.30	1.99	0.771	1.09	1.15	6.87	3.28	4.10B	19
20	2.54B	34.0 B	5.10B	5.35	3.83	1.66	1.19	0.940	0.992	5.23	3.66	4.12B	20
21	2.51B	28.7 B	5.20B	4.62	3.50	1.77	1.16	0.754	1.17	3.97	6.36	4.18B	21
22	2.50B	24.7	5.18	4.50	3.13	3.85	1.03	0.792	1.31	3.61	5.06	4.40B	22
23	2.48B	36.8	7.77	4.45	2.86	6.07	0.945	0.678	1.08	3.62	4.31	4.35B	23
24	2.45B	31.6	8.61	4.60	3.09	3.62	0.929	0.843	1.14	3.56	3.78	4.10B	24
25	2.45B	22.0	8.21	4.60	3.00	2.81	0.937	0.902	1.03	3.30	3.37	3.90B	25
26	2.80B	17.3	8.06	4.27	2.94	2.35	0.654	0.734	1.16	3.17	3.47	3.85B	26
27	3.50B	13.4	8.47	4.02	2.86	2.02	0.709	0.747	1.95	3.00	23.8	3.80B	27
28	3.25B	16.8	7.65	3.83	3.32	1.60	1.21	0.972	2.05	2.80	14.7	3.85B	28
29	3.05B		10.4	4.45	2.81	1.60	2.40	2.76	1.76	2.63	8.77	3.90B	29
30	2.95B		14.5	4.22	3.63	3.19	1.68	2.88	1.42	2.53	6.39	3.90B	30
31	2.82B		14.7		3.47		1.16	2.59		2.45		3.65B	31
TOTAL	89.61	409.91	245.84	190.77	156.53	96.29	62.274	42.069	68.402	113.01	135.30	152.48	TOTAL
MEAN	2.89	14.6	7.93	6.36	5.05	3.21	2.01	1.36	2.28	3.65	4.51	4.92	MEAN
MAX	3.65	54.0	15.0	11.4	20.0	11.3	14.4	2.88	6.11	11.9	23.8	8.98	MAX
MIN	2.45	2.75	5.10	3.83	2.45	1.60	0.654	0.678	0.992	1.45	1.84	3.65	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.83
MAXIMUM DAILY, 54.0B ON FEB 19
MINIMUM DAILY, 0.654 ON JUL 26
MAXIMUM INSTANTANEOUS,
103B AT 07:54 EST ON FEB 19

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 34 10 N
LONG 80 39 00 W
DRAINAGE AREA, 293 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 740	JUL	5 380
FEB	35 400	AUG	3 630
MAR	21 200	SEP	5 910
APR	16 500	OCT	9 760
MAY	13 500	NOV	11 700
JUN	8 320	DEC	13 200

TOTAL DISCHARGE, 152 000 dam³

BLACK CREEK NEAR WESTON - STATION NO. 02HC027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.273B	0.534	0.593	0.458	0.294	0.277	0.545	0.302	0.357	2.67	0.447	0.629	1
2	0.260B	1.14	0.519	0.393	0.268	0.264	0.271	0.281	3.25	0.549	0.409	0.614	2
3	0.242B	0.275	0.410	0.405	0.239	3.06	0.257	0.590	0.803	0.328	0.380	0.461	3
4	0.240B	0.270	0.383	0.364	0.265	0.470	0.331	5.25	10.3	0.284	0.368	0.411	4
5	0.237B	0.270B	0.371	0.367	0.958	0.331	1.80	1.58	5.53	0.330	0.359	0.349	5
6	0.238B	0.270B	0.334	0.322	0.478	0.279	0.414	0.402	0.989	4.66	0.515	0.316	6
7	0.238B	0.282B	0.315	0.301	0.264	0.252	0.297	0.338	0.609	0.621	0.380	0.325	7
8	0.238B	0.281	0.302	0.331	0.293	0.292	0.276	0.379	0.516	0.424	0.312	0.614	8
9	0.235B	0.313	0.322	0.323	0.271	0.340	0.274	0.308	0.589	0.337	0.308	0.356	9
10	0.227B	0.387	0.335	0.295	0.674	2.31	0.255	0.375	0.404	0.294	0.298	0.310	10
11	0.223B	14.7	0.332	0.347	9.32	0.359	0.236	1.80	0.332	0.268	0.306	0.348	11
12	0.220B	0.745	0.330	0.256	1.20	0.302	0.227	0.486	0.287	0.245	0.292	0.278	12
13	0.220B	0.612	0.351	0.281	0.599	0.282	0.256	0.341	0.280	0.261	0.284	0.252	13
14	0.220B	0.631	0.332	4.55	0.678	0.326	0.249	0.318	0.293	0.271	0.276	0.280	14
15	0.225B	0.604	0.331	0.459	0.680	0.307	0.242	5.89	0.265	0.892	0.261	0.294	15
16	0.235B	2.03	0.320	0.371	0.423	1.59	0.247	0.584	0.272	0.324	4.14	0.284	16
17	0.238B	4.08	0.302	0.789	0.316	0.571	0.252	0.345	0.458	0.265	1.09	0.277	17
18	0.240B	4.18	0.312	0.406	0.302	0.291	0.230	0.304	0.280	5.27	0.623	0.259B	18
19	0.260B	3.28	0.333	0.301	0.315	0.247	0.409	0.288	0.246	0.641	0.700	0.242B	19
20	0.280B	4.22	0.398	0.334	0.310	0.220	0.594	0.278	0.260	0.424	3.17	0.240B	20
21	0.298	2.08	0.306	0.281	0.282	0.920	0.306	0.254	2.24	1.47	1.94	0.262B	21
22	0.295	1.00	0.274	0.291	0.284	2.80	0.259	0.241	1.31	4.49	0.863	0.433	22
23	0.335	2.35	0.290	0.965	0.283	0.431	0.231	0.236	0.411	2.29	0.596	2.58	23
24	0.335	1.80	0.310	0.743	0.265	0.314	0.223	0.381	0.351	0.992	0.503	0.561	24
25	0.278	1.16	0.302	0.331	0.299	0.301	0.209	0.286	0.352	0.669	0.447	0.273	25
26	1.01	0.691	0.340	0.282	0.583	0.287	0.275	0.275	0.852	1.53	0.878	0.253	26
27	0.586	0.522	0.327	0.295	0.998	0.234	0.259	0.275	0.415	8.65	1.49	0.343	27
28	0.313	1.12	0.286	0.300	1.89	0.220	5.60	3.21	0.319	3.66	0.592	0.398	28
29	0.265		0.290	0.514	0.413	0.250	1.27	0.552	0.315	1.28	0.457	0.355	29
30	0.299		1.95	0.313	0.465	0.276	0.412	2.58	0.329	0.709	0.413	0.262	30
31	0.315		0.519		0.298		0.342	0.553		0.529		0.254	31
TOTAL	9.118	49.827	12.419	15.968	24.227	18.403	17.048	29.282	33.214	45.627	23.097	13.113	TOTAL
MEAN	0.294	1.78	0.401	0.532	0.782	0.613	0.550	0.945	1.11	1.47	0.770	0.423	MEAN
MAX	1.01	14.7	1.95	4.55	9.32	3.06	5.60	5.89	10.3	8.65	4.14	2.58	MAX
MIN	0.220	0.270	0.274	0.256	0.239	0.220	0.209	0.236	0.246	0.245	0.261	0.240	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.798
MAXIMUM DAILY, 14.7 ON FEB 11
MINIMUM DAILY, 0.209 ON JUL 25
MAXIMUM INSTANTANEOUS,
52.8 AT 20:36 EST ON AUG 4

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 40 31 N
LONG 79 30 21 W
DRAINAGE AREA, 58.0 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	788	JUL	1 470
FEB	4 310	AUG	2 530
MAR	1 070	SEP	2 870
APR	1 380	OCT	3 940
MAY	2 090	NOV	2 000
JUN	1 590	DEC	1 130

TOTAL DISCHARGE, 25 200 dam³

REMARKS - STATION FORMERLY CALLED "BLACK CREEK AT SCARLETT ROAD"

BLACK RIVER AT SUTTON - STATION NO. 02EC012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.02 B	1.60 B	6.67	5.33	1.98	1.25	0.592	1.02	1.32	0.845	3.65	3.97	1
2	1.00 B	1.25 B	5.64	6.03	1.76	1.09	0.569	0.846	1.31	0.894	3.00	3.55	2
3	0.960B	1.11 B	4.13	5.63	1.72	1.02	0.586	0.732	1.29	1.40	2.59	3.33	3
4	0.940B	1.05 B	3.61	4.87	1.60	0.979	0.659	0.764	1.73	1.38	2.26	3.07	4
5	0.920B	0.980B	3.32	4.13	1.45	0.593	0.736	0.949	5.42	1.01	2.00	2.79	5
6	0.890B	0.920B	2.91	3.71	1.41	0.565	1.36	1.45	6.53	1.29	1.93	1.97	6
7	0.880B	0.880B	2.68	3.36	1.50	0.655	2.76	1.97	6.54	1.92	2.02	2.01	7
8	0.870B	0.820B	2.64	2.87	1.45	0.614	2.80	2.10	6.67	2.53	2.08	1.89	8
9	0.860B	0.810B	2.70	2.38	1.38	0.625	2.55	3.03	5.82	2.58	2.05	1.30	9
10	0.840B	0.820B	2.79	2.26	1.45	0.747	0.578	1.69	4.57	2.33	1.99	1.31	10
11	0.830B	0.880B	2.84	2.18	3.68	0.746	0.566	0.741	3.55	1.96	1.81	1.21	11
12	0.820B	1.20 B	2.74	2.12	9.97	0.805	0.559	0.877	2.67	1.70	1.73	1.31	12
13	0.810B	1.40 B	2.53	2.11	13.6	0.813	0.543	1.03	2.08	1.44	1.69	1.29	13
14	0.805B	1.70 B	2.12	2.26	12.9	0.780	0.505	1.05	1.65	1.34	1.62	1.31	14
15	0.800B	1.90 B	2.19	2.67	9.55	0.742	0.491	1.25	1.40	1.33	1.53	1.35	15
16	0.800B	2.10 B	2.14	2.87	6.94	0.685	0.484	1.41	1.19	1.30	1.67	1.38	16
17	0.800B	3.53	2.04	2.85	5.22	0.675	0.505	1.75	1.04	1.27	2.19	1.36	17
18	0.800B	9.78	1.33	4.28	3.42	0.666	0.557	1.80	0.952	1.43	3.04	1.18	18
19	0.800B	19.1	1.27	4.85	2.47	0.646	0.624	1.40	0.898	1.66	3.48	1.04	19
20	0.805B	37.1	1.26	4.27	2.43	0.620	0.813	1.09	0.914	1.99	3.93	0.959	20
21	0.810B	43.8	1.10	3.76	2.03	0.608	0.872	0.871	0.932	2.08	6.14	0.899	21
22	0.820B	40.4	1.17	3.14	1.56	0.847	0.902	0.770	0.926	2.13	7.06	0.917	22
23	0.830B	32.0	1.28	2.61	1.37	1.09	0.836	0.702	1.32	2.49	7.17	0.981	23
24	0.840B	25.3	1.47	2.50	1.23	1.52	0.740	0.701	1.48	3.20	6.15	0.990	24
25	0.860B	19.9	1.63	2.67	1.19	1.63	0.640	0.658	0.968	3.52	4.66	1.06	25
26	0.880B	15.1	1.80	2.69	1.22	1.29	0.608	0.651	0.898	3.58	3.60	1.11	26
27	0.920B	11.0	2.00	2.42	1.13	1.04	0.574	0.642	0.919	3.65	4.39	1.12	27
28	0.960B	8.51	2.16	2.21	1.18	0.888	0.750	0.724	0.891	4.31	4.99	1.12	28
29	1.08 B		1.65	2.11	1.38	0.734	0.874	0.889	0.930	4.96	5.18	1.14	29
30	1.19 B		1.63	2.07	1.65	0.650	1.13	1.04	0.877	5.06	4.82	1.16	30
31	1.40 B		3.79		1.52		1.17	1.16		4.34		1.18	31
TOTAL	27.840	284.940	77.23	97.21	101.34	25.613	27.933	35.757	67.685	70.919	100.42	49.256	TOTAL
MEAN	0.898	10.2	2.49	3.24	3.27	0.854	0.901	1.15	2.26	2.29	3.35	1.59	MEAN
MAX	1.40	43.8	6.67	6.03	13.6	1.63	2.80	3.03	6.67	5.06	7.17	3.97	MAX
MIN	0.800	0.810	1.10	2.07	1.13	0.565	0.484	0.642	0.877	0.845	1.53	0.899	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.65
MAXIMUM DAILY, 43.8 ON FEB 21
MINIMUM DAILY, 0.484 ON JUL 16
MAXIMUM INSTANTANEOUS,
44.8 AT 23:42 EST ON FEB 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 18 18 N
LONG 79 21 37 W
DRAINAGE AREA, 324 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 410	JUL	2 410
FEB	24 600	AUG	3 090
MAR	6 670	SEP	5 850
APR	8 400	OCT	6 130
MAY	8 760	NOV	8 680
JUN	2 210	DEC	4 260

TOTAL DISCHARGE, 83 500 dam³

BLACK RIVER NEAR ACTINOLITE - STATION NO. 02HL003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.30B	1.61B	27.7	9.31	5.68	5.06	2.43	1.28	1.70	3.50	12.8	7.94B	1
2	2.28B	1.58B	23.8	9.71	5.31	4.32	2.28	1.35	1.70	3.49	11.3	8.06	2
3	2.26B	1.56B	19.8	9.40	5.12	4.13	2.16	1.40	1.86	3.45	11.3	8.41	3
4	2.24B	1.55B	17.3	9.22	4.77	5.43	2.26	1.43	2.93	3.43	8.76	8.22	4
5	2.20B	1.54B	15.5	9.44	4.60	5.78	3.84	1.43	9.01	3.36	7.69	7.80	5
6	2.10B	1.53B	14.0	9.24	4.33	5.76	3.71	1.38	10.4	3.63	7.59	7.17	6
7	2.00B	1.50B	12.9	8.81	3.86	5.26	2.99	1.36	9.84	4.04	8.18	7.11B	7
8	1.90B	1.48B	12.1	8.13	3.40	5.13	2.40	1.42	8.49	4.13	7.97	6.92B	8
9	1.85B	1.46B	11.4	7.59	3.15	4.66	1.95	1.89	8.10	3.80	7.25	6.70B	9
10	1.83B	1.45B	10.8	7.26	3.02	4.19	1.66	1.73	9.10	3.88	6.88	6.60B	10
11	1.79B	2.80B	10.2	6.92	4.08	3.82	1.43	1.64	12.1	3.53	6.69	6.49B	11
12	1.76B	6.41B	9.54	6.83	7.14	3.42	1.31	1.60	11.3	2.12	6.45	6.42B	12
13	1.74B	12.6 B	9.07	6.43	9.07	3.16	1.25	1.47	9.98	1.64	6.31	6.39B	13
14	1.73B	11.8 B	8.48	6.55	8.45	2.93	1.37	1.44	8.27	2.25	6.28	6.31	14
15	1.71B	11.0 B	8.22	7.55	7.69	2.77	1.25	1.94	6.67	1.87	6.20	6.37	15
16	1.68B	9.73B	8.17	7.42	7.26	2.83	1.16	2.57	5.55	1.66	5.85	6.37	16
17	1.66B	9.57B	7.81	7.32	6.71	4.25	1.09	1.97	4.91	1.51	5.78	5.81	17
18	1.65B	11.5 B	7.85	7.64	5.98	3.69	1.16	1.71	4.73	1.86	5.78	5.67B	18
19	1.64B	15.4 B	7.22	8.04	5.30	2.99	1.11	1.57	4.43	4.27	5.77	5.55B	19
20	1.63B	26.1 B	6.92	7.37	4.72	2.55	1.07	1.48	4.24	5.19	5.90	5.53	20
21	1.62B	55.0 B	6.70	6.50	4.30	2.30	1.02	1.47	4.22	5.30	7.17	5.45	21
22	1.61B	56.0 B	6.62	5.95	3.92	3.03	0.970	1.43	4.07	6.35	8.17	5.64	22
23	1.60B	53.3	6.84	5.63	3.59	6.43	0.915	1.37	4.04	7.11	7.92	6.00	23
24	1.60B	68.5	7.06	6.13	3.31	6.11	0.870	1.54	3.72	8.06	7.30	6.06	24
25	1.59B	67.2	6.97	6.81	3.70	5.17	0.907	1.61	3.41	7.80	7.12	5.93	25
26	1.63B	50.6 B	6.68	6.56	3.45	4.69	0.831	1.48	3.26	8.11	6.95	5.86	26
27	1.62B	37.8 B	6.46	6.12	3.57	4.15	0.764	1.45	3.83	11.0	7.93	5.71	27
28	1.61B	31.8	6.16	5.79	5.21	3.26	0.774	1.62	4.22	17.4	9.18	5.81	28
29	1.58B		5.83	5.67	6.67	2.85	0.833	1.42	3.98	21.9	8.95	5.84	29
30	1.56B		6.36	5.84	6.18	2.62	0.893	1.42	3.75	21.1	8.32	5.78	30
31	1.55B		8.54		5.64		1.07	1.75		16.4		5.64	31
TOTAL	55.52	552.37	323.00	221.18	159.18	122.74	47.727	48.62	173.81	193.14	229.74	199.56	TOTAL
MEAN	1.79	19.7	10.4	7.37	5.13	4.09	1.54	1.57	5.79	6.23	7.66	6.44	MEAN
MAX	2.30	68.5	27.7	9.71	9.07	6.43	3.84	2.57	12.1	21.9	12.8	8.41	MAX
MIN	1.55	1.45	5.83	5.63	3.02	2.30	0.764	1.28	1.70	1.51	5.77	5.45	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.37
MAXIMUM DAILY, 68.5 ON FEB 24
MINIMUM DAILY, 0.764 ON JUL 27
MAXIMUM INSTANTANEOUS,
72.8 AT 00:43 EST ON FEB 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 32 21 N
LONG 77 22 15 W
DRAINAGE AREA, 401 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 800	JUL	4 120
FEB	47 700	AUG	4 200
MAR	27 900	SEP	15 000
APR	19 100	OCT	16 700
MAY	13 800	NOV	19 800
JUN	10 600	DEC	17 200

TOTAL DISCHARGE, 201 000 dam³

BLACK RIVER NEAR MARATHON - STATION NO. 02BB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.25B	4.20B	7.95B	27.7	67.3	43.7	43.6	10.7	6.65	6.13	10.3	6.65B	1
2	6.15B	4.16B	7.90B	35.2	65.8	43.8	41.3	10.4	6.88	6.18	10.4	6.50B	2
3	6.05B	4.13B	7.86B	41.8	65.9	47.2	38.3	10.1	6.83	6.23	10.2	6.35B	3
4	5.95B	4.10B	7.75B	47.0	72.5	48.9	35.6	9.73	6.69	6.16	9.96	6.25B	4
5	5.85B	4.08B	7.65B	42.5	84.6	45.5	32.8	9.51	6.57	6.20	9.84	6.08B	5
6	5.75B	4.06B	7.60B	40.3	85.7	42.5	30.0	9.18	6.50	6.26	9.88	5.98B	6
7	5.65B	4.03B	7.55B	43.9	82.2	39.5	27.7	8.97	6.66	6.33	9.71	5.85B	7
8	5.57B	4.00B	7.50B	49.2	78.4	38.4	25.6	8.78	7.06	6.32	9.58	5.73B	8
9	5.50B	3.98B	7.45B	55.1	74.8	40.1	23.8	8.57	6.67	6.27	9.45	5.65B	9
10	5.40B	3.96B	7.40B	61.7	71.0	41.6	21.9	8.43	6.48	6.29	9.37	5.53B	10
11	5.34B	3.94B	7.35B	67.4	67.8	41.7	20.2	8.34	6.43	6.30	9.16	5.45B	11
12	5.27B	3.92B	7.30B	69.6	64.2	40.7	18.9	8.12	6.32	6.41	8.68	5.35B	12
13	5.20B	3.90B	7.25B	72.5	60.5	38.8	17.7	7.91	6.30	6.48	9.06	5.28B	13
14	5.14B	3.88B	7.20B	80.0	57.0	37.4	16.7	7.94	6.29	7.54	9.89	5.20B	14
15	5.07B	3.87B	7.15B	83.0	53.6	38.6	15.7	7.82	6.27	9.92	10.1	5.10B	15
16	5.00B	3.86B	7.10B	82.5	50.4	44.8	14.8	7.72	6.20	8.83	10.4	5.03B	16
17	4.94B	3.88B	7.15B	86.0	47.6	54.4	14.2	7.57	6.16	8.06	10.8	4.98B	17
18	4.88B	3.94B	7.20B	90.3	44.7	58.9	13.9	7.43	6.15	9.82	10.9	4.90B	18
19	4.82B	4.20B	7.30B	87.3	42.1	58.2	13.5	7.20	6.11	11.7	10.5	4.83B	19
20	4.76B	4.60B	7.50B	82.5	39.6	54.3	12.8	7.05	5.92	10.6	9.53	4.77B	20
21	4.70B	5.05B	7.75B	77.1	37.4	50.2	12.6	6.95	5.81	10.1	8.60	4.70B	21
22	4.65B	5.55B	8.05B	71.2	35.6	46.2	12.4	6.84	5.78	9.37	8.49	4.64B	22
23	4.60B	6.10B	8.40B	66.0	34.2	42.7	11.8	6.77	5.76	8.89	8.22	4.58B	23
24	4.55B	6.70B	8.85B	63.3	33.4	39.3	11.3	6.66	5.83	8.55	8.00B	4.52B	24
25	4.50B	7.45B	9.30B	62.3	35.3	37.8	13.5	6.53	5.83	8.37	7.75B	4.48B	25
26	4.45B	7.85B	9.90B	61.8	40.3	36.1	15.2	6.44	5.89	8.45	7.55B	4.42B	26
27	4.40B	8.00B	10.5 B	61.0	43.0	33.1	14.1	6.42	6.17	8.39	7.35B	4.36B	27
28	4.36B	8.00B	11.7	62.1	42.3	31.6	12.7	6.35	6.31	8.65	7.15B	4.30B	28
29	4.32B		13.4	65.4	40.8	41.7	11.8	6.27	6.20	8.68	7.00B	4.26B	29
30	4.28B		16.8	67.7	42.5	44.5	11.0	6.22	6.10	8.67	6.85B	4.20B	30
31	4.24B		20.8		44.0		10.5	6.22		9.31		4.16B	31
TOTAL	157.59	135.39	274.56	1 903.4	1 704.5	1 302.2	615.9	243.14	188.82	245.46	274.67	160.08	TOTAL
MEAN	5.08	4.84	8.86	63.4	55.0	43.4	19.9	7.84	6.29	7.92	9.16	5.16	MEAN
MAX	6.25	8.00	20.8	90.3	85.7	58.9	43.6	10.7	7.06	11.7	10.9	6.65	MAX
MIN	4.24	3.86	7.10	27.7	33.4	31.6	10.5	6.22	5.76	6.13	6.85	4.16	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.7
MAXIMUM DAILY, 90.3 ON APR 18
MINIMUM DAILY, 3.86B ON FEB 16
MAXIMUM INSTANTANEOUS,
91.2 AT 16:02 EST ON APR 18

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 41 20 N
LONG 86 12 45 W
DRAINAGE AREA, 1 980 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 600	JUL	53 200
FEB	11 700	AUG	21 000
MAR	23 700	SEP	16 300
APR	164 000	OCT	21 200
MAY	147 000	NOV	23 700
JUN	113 000	DEC	13 800

TOTAL DISCHARGE, 622 000 dam³

BLACK RIVER NEAR WASHAGO - STATION NO. 02EC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.4B	11.7 B	114	64.5	23.8	11.4	10.9	3.02	2.39	7.03	13.2	28.4	1
2	19.9B	11.9 B	98.9	69.3	22.4	10.3	10.6	2.89	2.49	6.81	13.2	28.2	2
3	19.4B	11.4 B	85.8	72.8	20.7	9.32	10.1	2.80	2.70	6.79	11.9	28.7	3
4	19.0B	10.9 B	75.0	74.4	19.6	9.09	9.68	2.66	3.38	6.81	11.2	28.6	4
5	18.6B	10.5 B	67.4	74.2	18.5	10.5	9.59	2.75	4.40	6.57	10.9	28.1	5
6	18.2B	10.2 B	61.8	71.4	17.6	10.9	9.70	2.98	5.54	7.37	11.0	26.9	6
7	17.8B	10.0 B	57.2	65.4	16.5	9.54	9.83	2.97	6.01	9.93	11.3	24.0B	7
8	17.4B	9.80B	53.2	58.5	15.2	8.65	9.56	2.74	6.29	12.6	11.6	22.0B	8
9	17.0B	9.70B	50.3	52.4	14.2	8.43	8.90	2.62	7.31	12.7	11.3	20.0B	9
10	16.6B	9.60B	47.5	47.7	13.9	8.59	8.08	3.09	7.05	12.3	10.9	18.5B	10
11	16.2B	12.0 B	44.9	44.3	25.9	8.50	7.35	3.97	6.66	11.6	10.6	17.0B	11
12	15.8B	17.0 B	42.1	41.2	46.1	7.91	6.77	4.09	7.10	11.2	10.5	16.0B	12
13	15.4B	24.0 B	40.0	37.8	49.7	7.32	6.27	3.63	8.01	10.7	10.5	15.0B	13
14	15.1B	26.0 B	37.4	36.3	45.3	7.28	5.84	3.23	8.07	10.4	10.3	14.2B	14
15	14.8B	25.0 B	36.2	38.3	41.5	7.56	5.34	3.38	7.57	10.2	10.4	13.4B	15
16	14.5B	24.5 B	35.6	37.7	40.5	9.33	4.98	4.54	7.25	9.64	10.7	12.8B	16
17	14.2B	25.0 B	34.0	36.4	38.3	10.1	4.69	5.40	7.07	9.26	16.7	12.3B	17
18	13.9B	26.0 B	31.3	36.2	33.9	10.4	4.49	4.72	7.35	9.83	23.5	11.9B	18
19	13.6B	40.0 B	29.9	35.5	29.7	10.9	4.40	3.92	7.58	12.0	24.8	11.5B	19
20	13.3B	50.0 B	29.1	34.5	26.4	10.2	4.34	3.36	7.62	14.3	25.1	11.2B	20
21	13.0B	72.0 B	27.8	32.8	23.9	9.60	4.27	2.99	7.55	14.3	26.5	11.0B	21
22	12.7B	96.0 B	26.9	30.5	21.9	10.9	4.08	2.70	6.96	14.1	26.7	10.8B	22
23	12.4B	120 B	26.8	29.0	20.4	16.0	3.73	2.53	6.12	14.5	25.7	10.9B	23
24	12.2B	134 B	26.7	28.2	19.0	18.7	3.49	2.42	5.67	15.7	24.2	11.0B	24
25	12.0B	148 B	26.8	28.3	17.7	17.1	3.30	2.30	5.27	16.0	22.0	11.0B	25
26	12.2B	157 B	27.2	27.5	16.6	15.5	3.18	2.25	4.76	15.7	21.1	10.8B	26
27	12.5B	144	27.9	26.1	15.4	13.7	3.04	2.14	5.21	15.1	23.6	10.6B	27
28	12.3B	129	28.9	24.8	14.8	12.2	3.03	2.12	8.45	14.7	29.7	10.4B	28
29	12.0B		29.6	24.4	14.1	11.2	3.18	2.19	9.23	14.8	31.4	10.3B	29
30	11.7B		35.2	24.8	13.4	10.8	3.25	2.20	7.83	14.0	30.1	10.2B	30
31	11.5B		55.5		12.4		3.18	2.20		13.1		10.4B	31
TOTAL	465.6	1 375.20	1 410.9	1 305.2	749.3	321.92	189.14	94.80	188.89	360.04	530.6	506.1	TOTAL
MEAN	15.0	49.1	45.5	43.5	24.2	10.7	6.10	3.06	6.30	11.6	17.7	16.3	MEAN
MAX	20.4	157	114	74.4	49.7	18.7	10.9	5.40	9.23	16.0	31.4	28.7	MAX
MIN	11.5	9.60	26.7	24.4	12.4	7.28	3.03	2.12	2.39	6.57	10.3	10.2	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.5
MAXIMUM DAILY, 157B ON FEB 26
MINIMUM DAILY, 2.12 ON AUG 28
MAXIMUM INSTANTANEOUS,
158B AT 12:00 EST ON FEB 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 42 46 N
LONG 79 16 54 W
DRAINAGE AREA, 1 520 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	40 200	JUL	16 300
FEB	119 000	AUG	8 190
MAR	122 000	SEP	16 300
APR	113 000	OCT	31 100
MAY	64 700	NOV	45 800
JUN	27 800	DEC	43 700

TOTAL DISCHARGE, 648 000 dam³

BLACK STURGEON RIVER AT HIGHWAY NO. 17 - STATION NO. 02AC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.20B	6.70B	7.08B	11.7E	56.4	51.8	56.8	12.7	7.00E	5.55E	7.87E	5.83B	1
2	9.00B	6.65B	7.02B	12.7E	55.9	52.2	54.2	12.3	7.60E	5.68E	7.99E	5.77B	2
3	8.90B	6.59B	7.00B	13.8E	56.9	53.2	51.5	11.8	8.22E	5.80E	8.20E	5.72B	3
4	8.81B	6.55B	6.98B	15.2E	59.4	52.6	51.3	11.1	8.42E	5.95E	8.28E	5.69B	4
5	8.70B	6.50B	6.90B	16.4E	60.4	51.1	49.9	10.5	8.38E	6.07E	8.25E	5.55B	5
6	8.60B	6.47B	6.87B	18.0E	59.5	50.1	47.3	9.77	8.20E	6.21E	8.20E	5.53B	6
7	8.55B	6.40B	6.81B	20.0A	57.6	49.0	45.3	9.27	7.95E	6.40E	8.10E	5.49B	7
8	8.40B	6.35B	6.78B	22.2	56.9	49.7	42.6	8.90	7.70E	6.57E	8.00E	5.41B	8
9	8.35B	6.30B	6.76B	25.9	56.3	51.1	41.7	8.83	7.53E	6.73E	7.90E	5.39B	9
10	8.25B	6.28B	6.70B	30.1	55.6	52.7	40.1	8.87	7.29E	6.89E	7.67E	5.33B	10
11	8.17B	6.20B	6.68B	34.5	55.3	53.4	38.4	8.86	7.05E	7.05E	7.58E	5.28B	11
12	8.05B	6.19B	6.62B	35.1	54.6	52.7	36.6	8.88	6.87E	7.27E	7.40E	5.23B	12
13	7.98B	6.15B	6.60B	35.7	53.7	52.4	34.9	8.59	6.65E	7.42E	7.23E	5.19B	13
14	7.87B	6.10B	6.57B	36.7	52.7	54.7	33.1	8.38	6.45E	7.67E	7.04E	5.15B	14
15	7.83B	6.08B	6.54B	35.4	51.2	62.2	31.4	8.09	6.25E	7.85E	6.85E	5.09B	15
16	7.77B	6.05B	6.53B	34.0	49.9	62.6	29.5	7.93	6.03E	8.00E	6.70E	5.04B	16
17	7.65B	6.08B	6.54B	37.9	48.2	59.7	28.1	7.75	5.90E	8.20E	7.06	5.01B	17
18	7.55B	6.10B	6.58B	40.2	46.3	56.4	26.7	7.62	5.69E	8.35E	7.28	4.99B	18
19	7.50B	6.15B	6.60B	40.4	44.7	54.3	25.4	7.42	5.57E	8.45E	7.54	4.97B	19
20	7.40B	6.20B	6.68B	39.0	43.4	51.9	24.0	7.34	5.40E	8.53E	7.55	4.91B	20
21	7.35B	6.31B	6.75B	37.9	41.9	50.1	22.7	7.17	5.32E	8.53E	6.67	4.89B	21
22	7.27B	6.42B	6.90B	37.9	40.2	49.1	21.7	7.05	5.26E	8.52E	6.51B	4.83B	22
23	7.20B	6.50B	7.00B	40.2	38.9	48.1	20.3	7.05	5.21E	8.48E	6.41B	4.80B	23
24	7.17B	6.61B	7.15B	43.8	39.2	49.0	19.2	6.99	5.20E	8.35E	6.33B	4.77B	24
25	7.06B	6.78B	7.40B	44.5	41.7	58.8	18.8	6.95	5.20E	8.20E	6.22B	4.73B	25
26	7.00B	6.90B	7.73B	45.2	47.7	59.6	17.9	6.90	5.21E	7.90E	6.18B	4.70B	26
27	6.97B	7.03B	8.10B	46.7	51.9	56.0	16.9	6.65E	5.22E	7.76E	6.09B	4.68B	27
28	6.90B	7.08B	8.70B	48.7	53.0	53.6	15.8	6.60E	5.25E	7.67E	6.01B	4.62B	28
29	6.85B		9.40B	52.7	52.2	55.7	14.9	6.43E	5.32E	7.65E	5.96B	4.60B	29
30	6.80B		10.1 B	56.4	52.0	58.2	14.2	6.41E	5.45E	7.68E	5.89B	4.56B	30
31	6.77B		10.7 B		52.5		13.3	6.57E		7.75E		4.54B	31
TOTAL	241.87	179.72	224.77	1 008.9	1 586.1	1 612.0	984.5	259.67	192.79	229.15	214.96	158.29	TOTAL
MEAN	7.80	6.42	7.25	33.6	51.2	53.7	31.8	8.38	6.43	7.39	7.17	5.11	MEAN
MAX	9.20	7.08	10.7	56.4	60.4	62.6	56.8	12.7	8.42	8.53	8.28	5.83	MAX
MIN	6.77	6.05	6.53	11.7	38.9	48.1	13.3	6.41	5.20	5.55	5.89	4.54	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.9
MAXIMUM DAILY, 62.6 ON JUN 16
MINIMUM DAILY, 4.54B ON DEC 31
MAXIMUM INSTANTANEOUS,
64.1 AT 20:47 EST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 54 13 N
LONG 88 22 38 W
DRAINAGE AREA, 2 980 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 900	JUL	85 100
FEB	15 500	AUG	22 400
MAR	19 400	SEP	16 700
APR	87 200	OCT	19 800
MAY	137 000	NOV	18 600
JUN	139 000	DEC	13 700

TOTAL DISCHARGE, 595 000 dam³

BLACKWATER RIVER AT BEARDMORE - STATION NO. 02AD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.98B	1.19B	1.60B	2.63	16.6	12.4	8.29	1.61	0.626	0.549	2.03	2.47	1
2	1.95B	1.17B	1.59B	3.12	17.6	12.1	8.38	1.50	0.613	0.537	2.02	2.42	2
3	1.92B	1.16B	1.58B	3.64	18.7	11.7	9.03	1.47	0.574	0.533	2.00	2.35	3
4	1.88B	1.14B	1.56B	4.18	19.6	11.2	9.58	1.43	0.556	0.534	2.05	2.26	4
5	1.85B	1.13B	1.55B	4.83	20.3	10.5	9.90	1.35	0.541	0.544	2.11	2.20	5
6	1.83B	1.12B	1.55B	5.68	21.1	9.93	9.82	1.28	0.511	0.564	2.16	2.13	6
7	1.80B	1.10B	1.54B	6.59	22.3	9.46	9.57	1.23	0.558	0.578	2.22	2.03B	7
8	1.77B	1.09B	1.53B	7.57	23.0	9.28	9.16	1.19	0.573	0.583	2.28	1.95B	8
9	1.73B	1.08B	1.53B	8.52	23.3	9.04	8.65	1.29	0.539	0.583	2.30	1.85B	9
10	1.71B	1.07B	1.52B	9.77	23.2	8.82	7.94	1.46	0.537	0.588	2.46	1.77B	10
11	1.68B	1.06B	1.52B	11.7	22.8	8.81	7.33	1.43	0.558	0.606	2.47	1.72B	11
12	1.66B	1.05B	1.52B	13.9	22.2	9.01	6.83	1.36	0.554	0.604	2.47	1.66B	12
13	1.63B	1.04B	1.51B	16.3	21.4	9.00	6.40	1.31	0.559	0.618	2.46	1.60B	13
14	1.60B	1.03B	1.51B	18.7	20.2	9.26	5.83	1.26	0.544	0.747	2.42	1.55B	14
15	1.58B	1.03B	1.50B	20.6	19.1	9.83	5.27	1.22	0.536	0.767	2.39	1.51B	15
16	1.54B	1.04B	1.51B	22.1	17.8	10.1	4.86	1.16	0.547	0.804	2.39	1.47B	16
17	1.52B	1.06B	1.52B	23.6	16.5	10.5	4.46	1.12	0.551	0.846	2.41	1.43B	17
18	1.50B	1.11B	1.52B	24.0	15.2	11.2	4.07	1.06	0.537	0.994	2.41	1.39B	18
19	1.47B	1.17B	1.53B	24.2	14.0	11.6	3.85	1.03	0.526	1.03	2.42	1.36B	19
20	1.45B	1.23B	1.55B	24.0	13.0	11.7	3.50	1.00	0.507	1.07	2.43	1.33B	20
21	1.43B	1.31B	1.56B	23.4	12.2	11.7	3.17	0.964	0.509	1.09	2.42	1.30B	21
22	1.40B	1.40B	1.58B	22.4	11.5	11.4	2.87	0.931	0.489	1.12	2.46	1.27B	22
23	1.38B	1.47B	1.60B	21.2	10.7	10.9	2.66	0.888	0.479	1.21	2.46	1.24B	23
24	1.35B	1.51B	1.62B	19.8	10.3	10.3	2.45	0.849	0.485	1.31	2.48	1.21B	24
25	1.33B	1.55B	1.66B	18.2	10.0	9.68	2.36	0.808	0.469	1.43	2.50	1.18B	25
26	1.31B	1.57B	1.71B	17.0	10.0	9.11	2.21	0.765	0.492	1.56	2.53	1.16B	26
27	1.28B	1.59B	1.77	16.0	10.0	8.85	2.08	0.716	0.523	1.67	2.58	1.13B	27
28	1.26B	1.60B	1.86	15.4	10.6	8.15	1.97	0.672	0.553	1.79	2.61	1.11B	28
29	1.25B		1.96	15.4	11.5	8.00	1.85	0.645	0.541	1.86	2.58	1.08B	29
30	1.23B		2.09	15.7	12.2	8.31	1.74	0.628	0.545	1.98	2.53	1.07B	30
31	1.21B		2.21		12.4		1.68	0.601		2.03		1.05B	31
TOTAL	48.48	34.07	50.36	440.13	509.3	301.44	167.76	34.227	16.132	30.729	71.05	49.25	TOTAL
MEAN	1.56	1.22	1.62	14.7	16.4	10.0	5.41	1.10	0.538	0.991	2.37	1.59	MEAN
MAX	1.98	1.60	2.21	24.2	23.3	12.4	9.90	1.61	0.626	2.03	2.61	2.47	MAX
MIN	1.21	1.03	1.50	2.63	10.0	8.00	1.68	0.601	0.469	0.533	2.00	1.05	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.80
MAXIMUM DAILY, 24.2 ON APR 19
MINIMUM DAILY, 0.469 ON SEP 25
MAXIMUM INSTANTANEOUS,
24.3 AT 11:36 EST ON APR 19

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 36 10 N
LONG 87 57 50 W
DRAINAGE AREA, 650 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 190	JUL	14 500
FEB	2 940	AUG	2 960
MAR	4 350	SEP	1 390
APR	38 000	OCT	2 650
MAY	44 000	NOV	6 140
JUN	26 000	DEC	4 260

TOTAL DISCHARGE, 151 000 dam³

BLANCHE RIVER ABOVE ENGLEHART - STATION NO. 02JC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.40B	4.55B	16.1	73.5	50.2	26.8	17.6	4.16	3.19	3.84	18.8	9.20B	1
2	6.30B	4.50B	15.4	103	48.1	25.8	16.7	4.10	3.24	3.90	18.2	9.00B	2
3	6.20B	4.50B	14.6	91.2	45.8	25.3	16.1	4.08	3.15	4.11	17.7	8.90B	3
4	6.05B	4.45B	13.8 B	150	45.4	25.8	16.0	3.94	3.14	4.18	17.0	8.70B	4
5	5.95B	4.45B	13.2 B	204	45.9	24.9	17.5	3.86	3.47	4.23	16.6	8.60B	5
6	5.85B	4.40B	12.8 B	154	46.0	23.8	16.1	3.86	3.69	4.76	16.0 B	8.50B	6
7	5.75B	4.40B	12.4 B	154	44.5	22.7	14.8	3.80	3.69	10.6	15.5 B	8.30B	7
8	5.65B	4.40B	12.0 B	157	43.0	22.3	14.0	3.72	3.68	14.6	15.0 B	8.20B	8
9	5.60B	4.40B	11.8 B	150	41.3	23.7	13.1	3.60	3.74	15.1	14.7 B	8.10B	9
10	5.50B	4.38B	11.6 B	153	39.3	24.4	12.3	3.73	4.54	15.4	14.3 B	7.90B	10
11	5.45B	4.38B	11.3 B	150	37.8	24.1	11.5	3.69	4.76	15.8	14.0 B	7.80B	11
12	5.35B	4.36B	11.0 B	141	37.0	23.3	11.1	3.63	4.71	16.0	13.7 B	7.70B	12
13	5.33B	4.36B	10.8 B	133	38.2	22.6	11.4	3.61	4.54	15.8	13.3 B	7.50B	13
14	5.25B	4.38B	10.6 B	142	38.3	22.2	10.4	3.73	4.56	15.4	13.0 B	7.40B	14
15	5.20B	4.45B	10.3 B	136	37.2	21.9	9.80	4.19	4.50	15.9	12.7 B	7.30B	15
16	5.15B	4.80B	10.2 B	130	36.1	21.6	9.25	4.26	4.46	17.4	12.4 B	7.20B	16
17	5.10B	5.00B	10.0 B	130	34.7	21.3	8.60	4.23	4.35	17.5	12.1 B	7.10B	17
18	5.05B	5.25B	9.77	119	33.5	20.7	8.14	4.00	4.28	19.1	11.9 B	7.00B	18
19	5.00B	5.50B	9.93	106	31.9	20.0	7.72	3.82	4.19	26.3	11.7 B	7.00B	19
20	4.95B	5.75B	9.86	94.5	30.5	19.5	7.39	3.72	4.13	26.2	11.4 B	6.90B	20
21	4.90B	6.10B	9.93	83.2	29.4	18.8	7.04	3.63	4.01	27.6	11.1 B	6.80B	21
22	4.90B	6.40B	9.84	75.2	28.4	18.1	6.64	3.47	3.93	26.9	10.9 B	6.70B	22
23	4.85B	7.00B	9.83	67.7	27.3	17.3	6.34	3.48	3.82	26.2	10.7 B	6.60B	23
24	4.80B	7.60B	10.1	62.6	26.4	16.9	6.06	3.55	3.80	25.3	10.6 B	6.55B	24
25	4.75B	9.50B	11.3	59.5	26.0	16.8	5.67	3.50	3.79	24.3	10.3 B	6.50B	25
26	4.70B	13.5 B	13.2	60.7	29.3	16.7	5.50	3.39	3.81	23.6	10.1 B	6.40B	26
27	4.64B	16.2 B	15.2	58.3	32.5	16.3	5.17	3.35	3.87	22.6	9.90B	6.35B	27
28	4.62B	16.8	16.7	56.0	33.5	15.7	4.91	3.25	3.85	21.8	9.70B	6.30B	28
29	4.61B		24.3	54.2	32.2	15.4	4.69	3.15	3.84	21.0	9.50B	6.25B	29
30	4.60B		38.3	52.3	30.0	17.2	4.53	3.21	3.84	20.1	9.40B	6.20B	30
31	4.58B		45.6		28.3		4.30	3.27		19.4		6.15B	31
TOTAL	163.03	175.76	441.76	3 300.9	1 128.0	631.9	310.35	114.98	118.57	524.92	392.20	229.10	TOTAL
MEAN	5.26	6.28	14.3	110	36.4	21.1	10.0	3.71	3.95	16.9	13.1	7.39	MEAN
MAX	6.40	16.8	45.6	204	50.2	26.8	17.6	4.26	4.76	27.6	18.8	9.20	MAX
MIN	4.58	4.36	9.77	52.3	26.0	15.4	4.30	3.15	3.14	3.84	9.40	6.15	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.6
MAXIMUM DAILY, 204 ON APR 5
MINIMUM DAILY, 3.14 ON SEP 4
MAXIMUM INSTANTANEOUS,
214 AT 04:22 EST ON APR 5

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 53 21 N
LONG 79 52 45 W
DRAINAGE AREA, 1 780 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 100	JUL	26 800
FEB	15 200	AUG	9 930
MAR	38 200	SEP	10 200
APR	285 000	OCT	45 400
MAY	97 500	NOV	33 900
JUN	54 600	DEC	19 800

TOTAL DISCHARGE, 651 000 dam³

BLOOMFIELD CREEK AT BLOOMFIELD - STATION NO. 02HE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.099	0.069	0.503	0.138	0.048	0.029	0.040	0.025	0.022	0.031	0.165	0.097	1
2	0.093	0.082	0.456	0.125	0.037	0.024	0.035	0.024	0.030	0.051	0.161	0.127	2
3	0.089	0.077	0.348	0.091	0.033	0.023	0.032	0.025	0.033	0.050	0.154	0.119	3
4	0.073	0.071	0.315	0.088	0.029	0.024	0.031	0.025	0.150	0.022	0.141	0.101	4
5	0.068	0.068	0.302	0.121	0.027	0.023	0.034	0.023	0.747	0.022	0.136	0.083	5
6	0.072	0.067	0.263	0.082	0.042	0.023	0.037	0.020	0.276	0.057	0.192	0.064	6
7	0.082	0.067	0.259	0.054	0.033	0.022	0.031	0.019	0.122	0.077	0.234	0.059	7
8	0.088	0.065	0.265	0.047	0.021	0.022	0.030	0.018	0.403	0.056	0.198	0.098	8
9	0.090	0.062	0.262	0.048	0.019	0.027	0.027	0.018	0.600	0.035	0.175	0.100	9
10	0.090	0.056	0.227	0.041	0.018	0.024	0.024	0.019	0.342	0.024	0.159	0.059	10
11	0.092	0.230	0.221	0.044	0.221	0.027	0.025	0.025	0.273	0.021	0.167	0.059	11
12	0.090	0.265	0.218	0.041	0.217	0.026	0.026	0.022	0.189	0.013	0.156	0.072	12
13	0.084	0.158	0.210	0.031	0.110	0.025	0.024	0.021	0.101	0.010	0.141	0.074	13
14	0.082	0.096	0.165	0.127	0.055	0.025	0.023	0.022	0.110	0.031	0.139	0.077	14
15	0.080	0.071	0.168	0.129	0.045	0.026	0.023	0.048	0.171	0.017	0.137	0.081	15
16	0.077	0.091	0.173	0.057	0.045	0.023	0.022	0.067	0.117	0.010	0.127	0.074	16
17	0.077	0.378	0.123	0.077	0.037	0.019	0.022	0.036	0.151	0.009	0.131	0.065B	17
18	0.076	1.08	0.116	0.200	0.031	0.018	0.033	0.028	0.188	0.080	0.131	0.060B	18
19	0.075	2.38	0.133	0.098	0.026	0.019	0.026	0.026	0.120	0.143	0.117	0.056B	19
20	0.078	4.71	0.127	0.061	0.023	0.018	0.032	0.021	0.159	0.106	0.133	0.054B	20
21	0.078	3.52	0.139	0.040	0.023	0.020	0.037	0.020	0.124	0.055	0.150	0.052B	21
22	0.077	1.61	0.151	0.034	0.021	0.308	0.030	0.020	0.231	0.053	0.132	0.051B	22
23	0.076	1.51	0.176	0.099	0.020	0.214	0.023	0.020	0.182	0.162	0.109	0.052B	23
24	0.072	1.96	0.163	0.233	0.020	0.051	0.022	0.021	0.095	0.145	0.090	0.053B	24
25	0.072	1.01	0.151	0.196	0.020	0.038	0.022	0.019	0.068	0.136	0.068	0.055B	25
26	0.080	0.709	0.123	0.119	0.022	0.033	0.022	0.019	0.059	0.165	0.063	0.057B	26
27	0.101	0.557	0.130	0.083	0.023	0.032	0.022	0.020	0.049	0.245	0.175	0.058	27
28	0.104	0.518	0.102	0.071	0.049	0.029	0.047	0.020	0.075	0.257	0.162	0.058	28
29	0.091		0.089	0.091	0.035	0.026	0.075	0.021	0.047	0.215	0.129	0.054	29
30	0.077		0.139	0.072	0.037	0.027	0.036	0.022	0.028	0.186	0.094	0.054B	30
31	0.071		0.177		0.036		0.029	0.026		0.173		0.055B	31
TOTAL	2.554	21.537	6.394	2.738	1.423	1.245	0.942	0.760	5.262	2.657	4.266	2.180	TOTAL
MEAN	0.082	0.769	0.206	0.091	0.046	0.042	0.030	0.025	0.175	0.086	0.142	0.070	MEAN
MAX	0.104	4.71	0.503	0.233	0.221	0.308	0.075	0.067	0.747	0.257	0.234	0.127	MAX
MIN	0.068	0.056	0.089	0.031	0.018	0.018	0.022	0.018	0.022	0.009	0.063	0.051	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.142
MAXIMUM DAILY, 4.71 ON FEB 20
MINIMUM DAILY, 0.009 ON OCT 17
MAXIMUM INSTANTANEOUS,
6.05 AT 21:23 EST ON FEB 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 59 06 N
LONG 77 13 46 W
DRAINAGE AREA, 19.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	221	JUL	81.4
FEB	1 860	AUG	65.7
MAR	552	SEP	455
APR	237	OCT	230
MAY	123	NOV	369
JUN	108	DEC	188

TOTAL DISCHARGE, 4 490 dam³

BLUE SPRINGS CREEK NEAR EDEN MILLS - STATION NO. 02GA031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.231	0.228	1.13	0.819	0.865	0.358	0.230	0.274	0.423	0.367	0.744	0.583	1
2	0.225	0.229	1.07	0.745	0.414	0.341	0.244	0.225	0.389	0.600	0.677	0.588	2
3	0.222	0.231	0.894	0.636	0.389	0.346	0.233	0.221	0.408	0.481	0.618	0.596	3
4	0.218	0.232	0.794	0.631	0.417	0.352	0.239	0.257	0.731	0.233	0.594	0.595	4
5	0.196B	0.246	0.760	0.619	0.344	0.342	0.827	0.329	1.13	0.204	0.577	0.561	5
6	0.201	0.243	0.716	0.589	0.353	0.317	1.43	0.334	1.13	0.386	0.555	0.531	6
7	0.203	0.226	0.690	0.521	0.355	0.302	0.992	0.290	0.846	0.519	0.551	0.512	7
8	0.205	0.226	0.658	0.442	0.368	0.289	0.536	0.269	0.634	0.528	0.530	0.506	8
9	0.206	0.225	0.625	0.414	0.338	0.287	0.395	0.258	0.496	0.433	0.527	0.502	9
10	0.207	0.223	0.632	0.426	0.397	0.285	0.330	0.250	0.374	0.367	0.504	0.475	10
11	0.213	0.341B	0.637	0.416	0.556	0.288	0.300	0.290	0.349	0.341	0.479	0.453	11
12	0.226	0.360B	0.632	0.429	0.617	0.283	0.276	0.342	0.330	0.308	0.475	0.441	12
13	0.218	0.338	0.633	0.444	0.547	0.283	0.240	0.342	0.306	0.287	0.447	0.431	13
14	0.209	0.325	0.599	0.599	0.495	0.295	0.233	0.316	0.297	0.285	0.438	0.431	14
15	0.210	0.326	0.590	0.740	0.497	0.294	0.225	0.376	0.283	0.294	0.439	0.432	15
16	0.209B	0.326	0.591	0.670	0.537	0.286	0.213	0.443	0.271	0.308	0.486	0.433	16
17	0.211	0.365	0.560	0.621	0.512	0.304	0.210	0.413	0.274	0.310	0.667	0.425	17
18	0.212	0.555	0.497	0.673	0.456	0.288	0.229	0.319	0.276	0.385	0.717	0.400	18
19	0.212	0.991	0.482	0.627	0.397	0.261	0.256	0.281	0.253	0.498	0.684	0.379	19
20	0.210	1.99	0.480	0.601	0.377	0.252	0.256	0.258	0.254	0.506	0.696	0.357	20
21	0.211	2.91	0.464	0.518	0.364	0.272	0.262	0.238	0.260	0.471	0.837	0.342	21
22	0.214	2.59	0.464	0.486	0.365	0.407	0.251	0.226	0.316	0.521	0.876	0.341	22
23	0.219	2.16	0.471	0.514	0.347	0.450	0.236	0.220	0.337	0.739	0.768	0.358	23
24	0.222	2.16	0.479	0.603	0.344	0.366	0.228	0.200	0.309	0.865	0.663	0.361	24
25	0.227	1.80	0.483	0.636	0.346	0.319	0.227	0.201	0.274	0.817	0.595	0.363	25
26	0.236	1.38	0.491	0.567	0.346	0.298	0.205	0.202	0.296	0.699	0.555	0.3[illegible]	26
27	0.237	1.15	0.506	0.516	0.372	0.267	0.206	0.195	0.313	0.712	0.594	0.36[illegible]	27
28	0.239	1.08	0.523	0.505	0.419	0.244	0.305	0.279	0.311	1.04	0.642	0.362	28
29	0.238		0.516	0.518	0.429	0.227	0.446	0.471	0.251	1.29	0.646	0.362	29
30	0.237		0.597	0.555	0.412	0.226	0.401	0.512	0.230	1.08	0.603	0.364	30
31	0.235		0.782		0.391		0.320	0.483		0.857		0.364	31
TOTAL	6.759	23.456	19.446	17.080	13.366	9.125	10.981	9.314	12.351	16.691	18.184	13.574	TOTAL
MEAN	0.218	0.838	0.627	0.569	0.431	0.304	0.354	0.300	0.412	0.538	0.606	0.438	MEAN
MAX	0.239	2.91	1.13	0.819	0.865	0.450	1.43	0.512	1.13	1.29	0.876	0.596	MAX
MIN	0.196	0.223	0.464	0.414	0.338	0.226	0.205	0.195	0.230	0.204	0.438	0.341	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.467
MAXIMUM DAILY, 2.91 ON FEB 21
MINIMUM DAILY, 0.195 ON AUG 27
MAXIMUM INSTANTANEOUS,
2.98 AT 15:35 EST ON FEB 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 34 35 N
LONG 80 06 36 W
DRAINAGE AREA, 44.5 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	584	JUL	949
FEB	2 070	AUG	805
MAR	1 680	SEP	1 070
APR	1 480	OCT	1 440
MAY	1 150	NOV	1 570
JUN	788	DEC	1 170

TOTAL DISCHARGE, 14 700 dam³

BOB CREEK NEAR MINDEN - STATION NO. 02HF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.057B	0.043B	0.610	1.89	0.155	0.050	0.031	0	0.002	0.134	0.128	0.256	1
2	0.056B	0.050B	0.473B	1.26	0.129	0.040	0.020	0	0.003	0.107	0.116	0.234	2
3	0.055B	0.063B	0.351B	0.925	0.105	0.033	0.016	0	0.003	0.097	0.109	0.229	3
4	0.054B	0.056B	0.291	0.920	0.093	0.045	0.013	0	0.012	0.097	0.102	0.224	4
5	0.053B	0.052B	0.255	0.981	0.081	0.053	0.014	0.003	0.023	0.088	0.091	0.219	5
6	0.052B	0.048B	0.228	0.744	0.080	0.066	0.016	0.001	0.028	0.112	0.096	0.196	6
7	0.051B	0.045B	0.204	0.509	0.075	0.066	0.016	0	0.161	0.223	0.099	0.169	7
8	0.050B	0.043B	0.198	0.332	0.073	0.059	0.017	0	0.658	0.399	0.103	0.140B	8
9	0.050B	0.041B	0.188	0.243	0.069	0.057	0.017	0	0.950	0.291	0.110	0.120B	9
10	0.049B	0.040B	0.179	0.194	0.075	0.050	0.016	0	0.524	0.219	0.116	0.103B	10
11	0.048B	1.00 B	0.170	0.186	0.311	0.044	0.011	0.002	0.410	0.172	0.114	0.095B	11
12	0.048B	3.33	0.156	0.179	1.27	0.035	0.009	0.001	0.484	0.138	0.116	0.088B	12
13	0.047B	3.24	0.149	0.165	1.01	0.031	0.007	0	0.517	0.112	0.113	0.083B	13
14	0.046B	1.77	0.136	0.219	0.591	0.028	0.005	0	0.353	0.102	0.100	0.079B	14
15	0.046B	0.866	0.127	0.308	0.411	0.019	0.003	0.042	0.219	0.098	0.096	0.075B	15
16	0.045B	0.565	0.130	0.332	0.315	0.015	0.002	0.073	0.146	0.083	0.099	0.072B	16
17	0.045B	0.654	0.126	0.278	0.243	0.014	0	0.122	0.100	0.077	0.152	0.070B	17
18	0.044B	0.763	0.116	0.250	0.189	0.012	0	0.100	0.070	0.113	0.185	0.068B	18
19	0.044B	1 08	0.107	0.221	0.149	0.009	0	0.063	0.052	0.175	0.233	0.066B	19
20	0.044B	1.40	0 101	0.194	0.115	0.008	0	0.040	0.047	0.261	0.253	0.064B	20
21	0.043B	1.73	0.093	0.167	0.096	0.009	0	0.027	0.040	0.225	0.265	0.063B	21
22	0.043B	1.96	0.095	0.143	0.078	0.045	0	0.017	0.032	0.197	0.239B	0.062B	22
23	0.043B	3.34	0.107	0.127	0.064	0.083	0	0.012	0.026	0.193	0.198B	0.063B	23
24	0.042B	4.64	0.127	0.128	0.060	0.175	0	0.009	0.022	0.193	0.170B	0.064B	24
25	0.042B	2.33	0.170	0.130	0.059	0.179	0	0.006	0.019	0.194	0.147	0.064B	25
26	0.044B	1.38	0.210	0.136	0.061	0.127	0	0.003	0.017	0.174	0.134	0.064B	26
27	0.048B	1.01	0.289	0.133	0.058	0.087	0	0.002	0.040	0.167	0.233	0.063B	27
28	0.046B	0.751	0.417	0.123	0.060	0.066	0	0.001	0.131	0.165	0.390	0.062B	28
29	0.043B		0.588	0.140	0.061	0.052	0	0	0.262	0.159	0.419	0.061B	29
30	0.041B		1.88	0.143	0.072	0.048	0	0.001	0.178	0.151	0.321	0.061B	30
31	0.041B		3.84		0.061		0	0.003		0.131		0.062B	31
TOTAL	1.460	32.290	12.111	11.700	6.269	1.605	0.213	0.528	5.529	5.047	5.047	3.339	TOTAL
MEAN	0.047	1.15	0.391	0.390	0.202	0.054	0.007	0.017	0.184	0.163	0.168	0.108	MEAN
MAX	0.057	4.64	3.84	1.89	1.27	0.179	0.031	0.122	0.950	0.399	0.419	0.256	MAX
MIN	0.041	0.040	0.093	0.123	0.058	0.008	0	0	0.002	0.077	0.091	0.061	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.233
MAXIMUM DAILY, 4.64 ON FEB 24
MINIMUM DAILY, 0 ON JUL 17
MAXIMUM INSTANTANEOUS,
5.03 AT 05:05 EST ON FEB 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 56 07 N
LONG 78 46 07 W
DRAINAGE AREA, 21.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	126	JUL	18.4
FEB	2 790	AUG	45.6
MAR	1 050	SEP	478
APR	1 010	OCT	436
MAY	542	NOV	436
JUN	139	DEC	288

TOTAL DISCHARGE, 7 360 dam³

BONNECHERE RIVER NEAR CASTLEFORD - STATION NO. 02KC009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.5B	15.3B	78.2	54.1	18.5	33.2	11.8	8.72	10.5	24.0	20.9	20.0B	1
2	17.4B	15.4B	76.6	56.1	15.2	31.2	11.7	8.72	10.0	24.2	20.7	20.0B	2
3	17.3B	14.7B	81.3	53.6	14.7	29.5	11.6	8.73	11.0	24.3	20.2	19.8	3
4	17.2B	14.3B	80.0	52.9	13.1	27.4	12.2	8.79	11.4	23.8	20.3	20.3	4
5	17.1B	13.9B	76.0	54.0	10.5	24.9	18.6	9.22	14.8	20.6	20.1	19.6	5
6	17.0B	14.0B	76.5	54.2	10.9	24.1	17.7	12.8	18.8	21.0	21.3	18.6B	6
7	16.9B	13.8B	70.0	52.3	11.5	19.9	15.0	11.8	18.8	23.9	23.2	17.7B	7
8	16.8B	13.5B	68.3	50.9	11.0	12.2	13.3	11.6	19.4	26.3	22.7	17.3B	8
9	17.1B	13.3B	67.3	51.8	10.6	14.2	12.4	11.5	24.1	24.8	22.7	16.8B	9
10	17.0B	13.2B	66.3	51.8	10.7	14.6	12.4	11.4	29.3	21.2	21.5	16.3	10
11	17.3B	14.1B	65.3	50.5	12.9	14.2	11.8	10.8	36.7	19.2	21.0	16.4B	11
12	17.2B	15.6B	63.7	48.0	20.9	13.7	11.4	11.1	31.0	18.5	20.3	16.6B	12
13	16.8B	17.9B	62.9	46.3	23.5	13.8	10.8	11.5	27.2	18.1	19.8	16.5B	13
14	16.5B	16.7B	59.5	46.0	23.6	13.5	9.96	11.1	24.5	18.5	19.7	16.3B	14
15	16.3B	15.3B	59.1	45.2	26.1	14.7	10.3	11.4	22.8	18.1	19.5	15.9B	15
16	16.2B	15.0B	56.5	44.3	31.8	19.4	9.33	11.9	22.6	18.4	19.3	15.3B	16
17	16.7B	19.9B	54.2	43.7	37.8	17.1	8.40	11.8	24.1	18.4	19.2	15.0	17
18	17.0B	27.2B	55.1	44.1	39.0	14.8	9.52	11.6	25.0	18.5	19.1	14.6B	18
19	17.2B	40.0B	58.4	43.9	39.6	14.2	9.35	10.8	26.0	19.5	18.8	14.5	19
20	16.7B	70.0B	52.0	43.5	39.8	13.5	9.89	10.6	28.3	19.2	19.1	14.0B	20
21	16.4B	111 B	49.0	42.1	39.4	12.8	9.97	10.4	29.4	19.0	22.1	14.1B	21
22	16.3B	114 B	48.9	40.2	40.9	14.6	9.49	10.4	29.1	18.6	22.6	14.3B	22
23	16.1B	123 B	48.7	39.9	42.4	17.5	9.37	10.2	28.7	19.2	21.6	14.3B	23
24	15.8B	142 B	47.9	40.8	41.3	15.9	8.89	9.80	28.1	20.2	19.7	14.1B	24
25	15.6B	117	46.0	37.7	40.1	14.3	8.68	9.49	27.1	20.0	19.6	13.8B	25
26	15.5B	96.4	46.1	28.7	39.0	14.3	7.67	9.36	26.4	20.4	19.3	13.8B	26
27	15.2B	84.6	46.8	23.1	38.6	13.9	8.13	9.15	28.1	21.7	20.5	13.7B	27
28	15.0B	82.1	46.2	22.4	38.5	12.6	9.59	9.15	28.2	24.9	23.8	13.7B	28
29	14.9B		45.9	22.2	37.4	11.9	9.30	9.28	26.8	23.4	22.6	13.6B	29
30	14.7B		48.3	22.3	36.7	12.3	9.00	9.20	25.0	22.3	20.4	13.5B	30
31	14.6B		54.1		35.3		8.51	10.3		21.6		13.4B	31
TOTAL	509.3	1 263.2	1 855.1	1 306.6	851.3	520.2	336.05	322.61	712.8	651.4	621.6	493.8	TOTAL
MEAN	16.4	45.1	59.8	43.6	27.5	17.3	10.8	10.4	23.8	21.0	20.7	15.9	MEAN
MAX	17.5	142	81.3	56.1	42.4	33.2	18.6	12.8	36.7	26.3	23.8	20.3	MAX
MIN	14.6	13.2	45.9	22.2	10.5	11.9	7.67	8.72	10.0	18.1	18.8	13.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.9
MAXIMUM DAILY, 142B ON FEB 24
MINIMUM DAILY, 7.67 ON JUL 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 29 49 N
LONG 76 33 50 W
DRAINAGE AREA, 2 380 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	44 000	JUL	29 000
FEB	109 000	AUG	27 900
MAR	160 000	SEP	61 600
APR	113 000	OCT	56 300
MAY	73 600	NOV	53 700
JUN	44 900	DEC	42 700

TOTAL DISCHARGE, 816 000 dam³

BOWMANVILLE CREEK AT BOWMANVILLE - STATION NO. 02HD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.610B	0.800B	1.74	1.41	0.885	0.850	0.916	0.685	0.772	0.700	1.09	1.18	1
2	0.609B	0.760B	1.53	1.36	0.873	0.729	0.787	0.584	0.756	0.846	1.03	1.39	2
3	0.608B	0.720B	1.24	1.26	0.788	0.786	0.713	0.678	0.743	0.773	1.03	1.25	3
4	0.607B	0.700B	1.15 B	1.26	0.939	0.836	0.682	0.739	3.33	0.710	1.02	1.06 B	4
5	0.607B	0.681B	1.10 B	1.24	0.875	0.711	1.64	2.66	2.37	0.753	0.964	0.900B	5
6	0.604B	0.655B	1.08 B	1.06	0.891	0.692	0.977	0.808	2.82	1.36	1.32	0.770B	6
7	0.602B	0.635B	1.20	1.21	0.837	0.635	0.653	0.686	1.70	1.38	1.25	0.810B	7
8	0.600B	0.620B	1.20	1.19	0.792	0.731	0.637	0.701	1.65	1.16	1.08	0.830B	8
9	0.595B	0.605B	1.33	1.07	0.838	0.698	0.675	0.708	1.30	0.918	1.01	0.650B	9
10	0.590B	0.600B	1.26	0.990	0.907	0.742	0.597	0.742	0.905	0.885	0.889	0.620B	10
11	0.585B	1.85 B	1.29	1.11	1.88	0.869	0.545	0.852	0.905	0.837	0.973	0.618B	11
12	0.583B	1.65 B	1.18	1.01	1.79	0.736	0.574	1.04	0.848	0.809	0.941	0.615B	12
13	0.581B	1.45 B	1.05 B	0.977	1.27	0.734	0.595	0.754	0.728	0.871	0.878	0.610B	13
14	0.580B	1.35 B	1.02 B	2.04	1.10	0.766	0.582	0.748	0.735	0.811	0.908	0.609B	14
15	0.580B	1.32 B	1.12 B	1.59	1.07	0.715	0.567	2.01	0.723	0.823	0.911	0.608B	15
16	0.580B	1.36 B	0.990B	1.14	1.06	0.737	0.592	1.53	0.748	0.795	1.56	0.607B	16
17	0.581B	2.50 B	0.920B	1.54	0.909	1.30	0.545	0.811	0.714	0.835	2.04	0.607B	17
18	0.581B	4.60 B	0.900B	2.01	0.858	0.778	0.682	0.827	0.769	2.39	1.44	0.606B	18
19	0.581B	11.0 B	0.880B	1.30	0.814	0.703	0.667	0.688	0.754	1.71	1.21	0.610B	19
20	0.582B	20.0 B	0.870B	1.08	0.811	0.717	0.937	0.636	0.748	1.02	2.07	0.610B	20
21	0.583B	16.0 B	0.890B	1.03	0.807	0.700	0.788	0.696	0.715	1.09	2.51	0.620B	21
22	0.586B	4.80 B	0.940	1.02	0.767	1.38	0.721	0.715	0.911	2.00	1.62	0.640B	22
23	0.589B	9.50 B	1.02	1.11	0.706	1.12	0.803	0.585	0.806	2.78	1.32	0.720B	23
24	0.591B	5.45	1.06	1.36	0.714	0.791	0.634	0.716	0.745	1.64	1.22	0.690B	24
25	0.597B	2.88	1.01	1.19	0.790	0.733	0.620	0.703	0.696	1.20	1.11	0.660B	25
26	0.690B	2.19	1.00	0.980	0.789	0.742	0.642	0.667	0.772	1.48	1.01	0.640B	26
27	0.645B	1.78	1.12	1.01	1.06	0.697	0.640	0.654	0.764	3.42	2.29	0.620B	27
28	0.630B	1.88	1.16	0.979	1.76	0.606	0.999	0.704	0.785	2.98	1.58	0.600B	28
29	0.620B		1.16	1.07	1.28	0.638	0.986	0.724	0.696	1.47	1.27	0.590B	29
30	0.610B		2.75	1.02	1.29	0.684	0.745	0.670	0.783	1.27	1.09	0.580B	30
31	0.640B		1.97		0.915		0.650	0.822		1.17		0.578B	31
TOTAL	18.627	98.336	37.130	36.616	31.065	23.556	22.791	26.543	31.691	40.886	38.634	22.498	TOTAL
MEAN	0.601	3.51	1.20	1.22	1.00	0.785	0.735	0.856	1.06	1.32	1.29	0.726	MEAN
MAX	0.690	20.0	2.75	2.04	1.88	1.38	1.64	2.66	3.33	3.42	2.51	1.39	MAX
MIN	0.580	0.600	0.870	0.977	0.706	0.606	0.545	0.584	0.696	0.700	0.878	0.578	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.17
MAXIMUM DAILY, 20.0B ON FEB 20
MINIMUM DAILY, 0.545 ON JUL 11

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 55 18 N
LONG 78 42 09 W
DRAINAGE AREA, 82.9 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 610	JUL	1 970
FEB	8 500	AUG	2 290
MAR	3 210	SEP	2 740
APR	3 160	OCT	3 530
MAY	2 680	NOV	3 340
JUN	2 040	DEC	1 940

TOTAL DISCHARGE, 37 000 dam³

BOYNE RIVER AT EARL ROWE PARK - STATION NO. 02ED102

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.39 B	0.980B	4.74	5.04	1.72	1.31	0.831	0.559	2.19	1.15	1.76	2.38	1
2	1.36 B	0.960B	3.86	3.93	1.56	1.18	0.820	0.583	1.44	1.41	1.64	3.96	2
3	1.32 B	0.940B	2.69	3.18	1.52	1.15	0.814	0.613	2.22	1.68	1.54	3.47	3
4	1.28 B	0.920B	2.58	2.93	1.48	1.26	1.76	0.724	5.52	1.61	1.48	2.94	4
5	1.26 B	0.910B	2.85	2.97	1.46	1.36	1.85	1.07	8.92	1.52	1.45	2.48	5
6	1.24 B	0.900B	2.38	2.60	1.49	1.22	1.17	0.988	4.54	1.87	1.40	2.17	6
7	1.22 B	0.890B	2.33	2.27	1.44	1.08	0.921	0.777	3.12	3.05	1.38	1.96	7
8	1.19 B	0.880B	2.46	2.15	1.35	1.02	0.888	0.732	2.34	3.12	1.41	2.01	8
9	1.17 B	0.870B	2.36	2.17	1.31	0.998	0.839	1.06	1.99	2.62	1.38	1.76	9
10	1.15 B	0.860B	2.34	2.13	1.51	1.09	0.800	1.17	1.85	2.08	1.31	1.52	10
11	1.13 B	0.860B	2.35	2.03	7.48	2.06	0.684	1.07	1.37	1.79	1.29	1.45B	11
12	1.11 B	0.850B	2.22	2.05	9.28	1.67	0.557	1.08	1.00	1.57	1.29	1.40B	12
13	1.09 B	0.840B	2.27	1.98	4.08 A	1.38	0.513	0.875	1.04	1.45	1.28	1.35B	13
14	1.08 B	0.830B	1.95	2.47	2.50 E	1.26	0.500	0.771	1.05	1.36	1.26	1.30B	14
15	1.06 B	0.820B	2.09	3.70	2.70 E	1.17	0.502	0.943	1.05	1.33	1.27	1.25B	15
16	1.05 B	2.18	2.05	2.88	2.50 E	1.11	0.503	1.94	1.03	1.41	1.91	1.23B	16
17	1.04 B	5.66	1.78	2.46	2.20 E	1.06	0.503	1.56	1.03	1.36	3.84	1.21B	17
18	1.03 B	12.5	1.38	2.46	1.85 E	0.948	0.498	0.902	1.02	1.49	3.08	1.18B	18
19	1.02 B	21.5	1.48	2.31	1.70 E	0.887	0.494	0.672	1.02	2.36	2.47	1.16B	19
20	1.01 B	20.8	1.59	2.13	1.60 E	0.857	0.487	0.678	1.01	2.32	2.69	1.34B	20
21	1.01 B	15.1	1.50	1.96	1.48 A	0.843	0.485	0.669	1.01	1.97	3.38	1.33B	21
22	1.00 B	10.6	1.79	1.88	1.40	1.05	0.484	0.664	1.00	1.81	3.10	1.47B	22
23	1.00 B	13.4	2.02	1.87	1.31	2.03	0.481	0.661	1.02	2.05	2.60	1.60B	23
24	1.00 B	16.5	2.16	2.01	1.27	1.46	0.478	0.649	1.04	2.76	2.34	1.61B	24
25	0.998B	7.84	2.29	2.06	1.24	1.16	0.477	0.653	1.04	2.55	1.74	1.58B	25
26	0.998B	5.68	2.41	2.00	1.14	0.999	0.463	0.666	1.05	2.38	1.94	1.55B	26
27	1.06 B	3.60	2.64	1.23	0.877	0.904	0.464	0.669	1.06	2.56	7.36	1.45B	27
28	1.10 B	4.48	2.75	1.55	0.814	0.863	1.11	0.743	1.23	3.19	8.00	1.35B	28
29	1.08 B		2.90	1.84	1.19	0.849	2.39	4.88	1.22	2.74	4.34	1.30B	29
30	1.04 B		3.96	1.89	1.32	0.838	1.27	7.62	1.16	2.22	2.87	1.25B	30
31	1.00 B		6.64		1.46		0.495	4.19		1.95		1.20B	31
TOTAL	34.486	153.150	78.81	72.13	64.231	35.066	24.531	40.831	55.58	62.73	72.80	53.21	TOTAL
MEAN	1.11	5.47	2.54	2.40	2.07	1.17	0.791	1.32	1.85	2.02	2.43	1.72	MEAN
MAX	1.39	21.5	6.64	5.04	9.28	2.06	2.39	7.62	8.92	3.19	8.00	3.96	MAX
MIN	0.998	0.820	1.38	1.23	0.814	0.838	0.463	0.559	1.00	1.15	1.26	1.16	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.05
MAXIMUM DAILY, 21.5 ON FEB 19
MINIMUM DAILY, 0.463 ON JUL 26
MAXIMUM INSTANTANEOUS,
24.2 AT 21:41 EST ON FEB 19

DATA CONTRIBUTED BY -
ONTARIO MINISTRY OF THE ENVIRONMENT

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 09 06 N
LONG 79 54 08 W
DRAINAGE AREA, 211 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 980	JUL	2 120
FEB	13 200	AUG	3 530
MAR	6 810	SEP	4 800
APR	6 230	OCT	5 420
MAY	5 550	NOV	6 290
JUN	3 030	DEC	4 600

TOTAL DISCHARGE, 64 600 dam³

BRIGHTSAND RIVER AT MOBERLEY - STATION NO. 04GB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.00	4.76	5.05	5.04	16.2	11.8	13.2	5.48	2.63	1.46	2.55	3.11E	1
2	5.82	4.65	5.01	5.17	16.4	11.7	13.1	5.26	2.72	1.57	2.57	3.14E	2
3	5.72	4.64	4.99	5.40	16.2	11.7	13.2	5.17	2.48	1.61	2.62	3.16E	3
4	5.77	4.68	5.07	5.47	15.8	11.7	12.9	5.03	2.39	1.50	2.71	3.18E	4
5	5.76	4.64	5.14	5.66	15.9	11.4	12.8	4.95	2.36	1.58	2.60	3.20E	5
6	5.77	4.62	5.17	5.87	15.6	11.0	12.7	4.80	2.31	1.61	2.61	3.22E	6
7	5.72	4.57	5.17	6.07	15.5	11.0	12.5	4.67	2.30	1.72	2.73	3.24E	7
8	5.69	4.54	5.27	6.14	15.1	11.0	11.9	4.52	2.20	1.82	2.49	3.26E	8
9	5.65	4.57	5.28	6.54	14.6	11.0	11.4	4.63	2.22	1.91	2.57	3.27E	9
10	5.62	4.51	5.31	7.03	14.6	10.9	11.1	4.75	2.19	1.90	2.69	3.28E	10
11	5.60	4.45	5.46	7.57	14.1	10.7	10.5	4.75	2.10	1.83	2.73	3.29E	11
12	5.60	4.37	5.30	8.06	13.9	10.5	9.97	4.71	2.03	1.90	2.88	3.30E	12
13	5.61	4.38	5.32	8.55	13.5	10.5	9.54	4.70	1.83	1.87	2.90	3.30E	13
14	5.52	4.34	5.28	8.96	13.3	10.4	9.28	4.54	1.74	1.80	2.83	3.31E	14
15	5.42	4.38	5.23	9.69	12.8	10.3	8.82	4.30	1.66	1.77	2.83	3.31E	15
16	5.41	4.36	5.16	10.3	12.6	10.2	8.56	4.28	1.66	1.88	2.92	3.32E	16
17	5.36	4.35	5.13	10.9	12.1	10.5	8.20	4.15	1.67	1.88	2.88	3.32E	17
18	5.41	4.44	5.13	11.5	11.6	10.3	7.86	4.11	1.62	1.75	2.85	3.32E	18
19	5.32	4.50	5.13	12.1	10.3	10.4	7.74	4.09	1.40	2.20	2.77	3.31E	19
20	5.27	4.38	5.10	12.5	11.6	10.6	7.28	4.07	1.41	2.16	2.95	3.31E	20
21	5.29	4.33	5.10	12.8	11.0	10.8	7.07	3.91	1.43	2.22	2.91	3.31E	21
22	5.28	4.51	5.07	13.0	10.5	10.7	6.89	3.76	1.45	2.22	2.82	3.31E	22
23	5.26	4.79	4.93	13.2	10.2	10.5	6.67	3.62	1.42	2.15	2.88	3.30E	23
24	5.13	4.90	4.85	13.8	9.82	10.6	6.48	3.52	1.34	2.37	2.88	3.30E	24
25	5.13	5.00	4.77	14.2	10.2	11.1	6.42	3.43	1.32	2.32	2.86	3.30E	25
26	5.11	4.92	4.70	14.7	10.8	11.5	6.21	3.24	1.45	2.38	2.92	3.30E	26
27	5.01	5.03	4.64	15.1	11.0	11.6	6.16	3.13	1.33	2.33	2.98E	3.29E	27
28	4.99	5.08	4.72	15.6	11.1	12.0	6.00	3.14	1.39	2.35	3.02E	3.29E	28
29	4.80		4.75	15.7	11.2	12.5	5.88	2.99	1.39	2.49	3.05E	3.29E	29
30	4.80		4.83	16.1	11.4	13.2	5.60	2.96	1.37	2.58	3.08E	3.29E	30
31	4.82		4.93		11.6		5.57	2.97		2.53		3.28E	31
TOTAL	167.66	128.69	156.99	302.72	400.52	332.1	281.50	129.63	54.81	61.66	84.08	101.41	TOTAL
MEAN	5.41	4.60	5.06	10.1	12.9	11.1	9.08	4.18	1.83	1.99	2.80	3.27	MEAN
MAX	6.00	5.08	5.46	16.1	16.4	13.2	13.2	5.48	2.72	2.58	3.08	3.32	MAX
MIN	4.80	4.33	4.64	5.04	9.82	10.2	5.57	2.96	1.32	1.46	2.49	3.11	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.03
MAXIMUM DAILY, 16.4 ON MAY 2
MINIMUM DAILY, 1.32 ON SEP 25
MAXIMUM INSTANTANEOUS,
16.5 AT 15:30 EST ON MAY 2

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 37 25 N
LONG 90 34 19 W
DRAINAGE AREA, 1 170 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 500	JUL	24 300
FEB	11 100	AUG	11 200
MAR	13 600	SEP	4 740
APR	26 200	OCT	5 330
MAY	34 600	NOV	7 260
JUN	28 700	DEC	8 760

TOTAL DISCHARGE, 190 000 dam³

BRONTE CREEK AT PROGRESTON - STATION NO. 02HB016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.480B	0.360B	4.38	1.55	1.38	0.422	0.435	0.541	1.29	1.19	2.30	2.34	1
2	0.425B	0.395B	4.19	1.48	1.22	0.414	0.411	0.545	1.24	1.44	2.09	2.56	2
3	0.385B	0.385B	3.52	1.33	0.975	0.419	0.387	0.512	2.03	1.34	2.00	2.49	3
4	0.350B	0.375B	3.76	1.17	0.941	0.469	0.469	1.01	4.35	1.23	1.97	2.39	4
5	0.335B	0.367B	3.63	1.09	0.912	0.450	0.671	1.55	5.22	1.20	2.14	2.31	5
6	0.345B	0.370B	2.61	0.982	0.889	0.396	0.556	1.09	4.44	1.44	2.56	2.21	6
7	0.345B	0.375B	1.58	0.943	0.837	0.373	0.450	0.888	3.65	1.69	2.55	2.09	7
8	0.338B	0.370B	1.43	0.945	0.780	0.356	0.398	0.764	2.94	1.69	2.3,	2.12	8
9	0.331B	0.365B	1.39	0.919	0.743	0.372	0.366	0.730	2.35	1.66	2.26	1.91	9
10	0.330B	0.360B	1.39	0.894	0.782	0.362	0.335	0.732	1.97	1.60	2.19	1.65	10
11	0.328B	0.860B	1.34	0.878	0.988	0.373	0.322	1.09	1.69	1.48	2.11	1.98	11
12	0.325B	0.820B	1.22	0.901	1.18	0.361	0.342	1.37	1.38	1.33	2.06	1.71	12
13	0.335B	0.790B	1.21	0.883	1.10	0.395	0.340	1.45	1.21	1.27	2.04	1.75	13
14	0.347B	0.750B	1.04	1.35	0.993	0.465	0.317	1.35	1.10	1.23	1.85	1.72	14
15	0.355B	0.720B	1.04	1.75	0.977	0.461	0.287	1.49	1.04	1.16	1.33	1.71	15
16	0.365B	0.680B	1.01	1.65	1.02	0.421	0.285	1.65	1.03	1.15	1.33	1.70	16
17	0.360B	0.950B	0.960	1.72	0.949	0.379	0.280	1.53	0.989	1.07	1.43	1.60	17
18	0.350B	1.90 B	0.809	1.82	0.886	0.351	0.305	1.38	1.02	1.55	1.42	1.34	18
19	0.365B	3.40 B	0.871	1.66	0.832	0.330	0.383	1.17	1.03	1.84	1.43	1.15 B	19
20	0.375B	6.83	0.820	1.50	0.782	0.341	0.734	1.04	1.00	1.81	1.92	1.00 B	20
21	0.370B	7.10	0.800	1.27	0.724	0.404	0.698	0.958	1.08	1.86	2.41	0.850B	21
22	0.365B	5.84	0.875	1.11	0.695	0.522	0.508	0.910	1.31	2.24	2.34	0.870B	22
23	0.380B	4.76	0.925	1.21	0.610	0.596	0.441	0.870	1.36	2.92	2.25	0.896	23
24	0.390B	4.67	0.949	1.49	0.542	0.538	0.533	0.805	1.25	3.04	2.09	0.885	24
25	0.405B	5.29	0.975	1.49	0.506	0.495	0.521	0.818	1.13	3.01	1.94	0.833	25
26	0.420B	4.99	1.03	1.36	0.472	0.437	0.495	0.766	1.15	2.75	2.10	0.828	26
27	0.415B	4.46	1.13	1.18	0.478	0.413	0.476	0.661	1.19	2.85	2.44	0.816	27
28	0.395B	4.58	1.14	1.32	0.529	0.387	0.679	0.657	1.08	3.07	2.46	0.824	28
29	0.370B		1.16	1.53	0.520	0.376	0.903	0.719	1.02	3.01	2.43	0.843	29
30	0.355B		1.44	1.52	0.479	0.341	0.709	0.978	0.978	2.86	2.37	0.823	30
31	0.330B		1.61		0.485		0.582	1.29		2.58		0.817	31
TOTAL	11.364	63.112	50.234	38.895	25.208	12.419	14.618	31.314	52.517	58.56	62.18	47.015	TOTAL
MEAN	0.367	2.25	1.62	1.30	0.813	0.414	0.472	1.01	1.75	1.89	2.07	1.52	MEAN
MAX	0.480	7.10	4.38	1.82	1.38	0.596	0.903	1.65	5.22	3.07	2.56	2.56	MAX
MIN	0.325	0.360	0.800	0.878	0.472	0.330	0.280	0.512	0.978	1.07	1.33	0.816	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.28
MAXIMUM DAILY, 7.10 ON FEB 21
MINIMUM DAILY, 0.280 ON JUL 17
MAXIMUM INSTANTANEOUS,
7.38 AT 00:07 EST ON FEB 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 23 55 W
LONG 79 57 34 W
DRAINAGE AREA, 124 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	982	JUL	1 260
FEB	5 450	AUG	2 710
MAR	4 340	SEP	4 540
APR	3 360	OCT	5 060
MAY	2 180	NOV	5 370
JUN	1 070	DEC	4 060

TOTAL DISCHARGE, 40 400 dam³

BRONTE CREEK NEAR ZIMMERMAN - STATION NO. 02HB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.940B	0.480B	6.05	2.95	2.16	0.930	0.724	0.910	2.28	2.26	3.88	3.41	1
2	0.720B	0.520B	5.59	2.72	1.93	0.893	0.728	0.879	2.09	2.55	3.56	3.93	2
3	0.600B	0.500B	4.82	2.52	1.81	0.905	0.657	0.861	3.12	2.36	3.28	3.75	3
4	0.510B	0.496B	5.05	2.35	1.69	0.991	0.732	2.39	8.66	2.19	3.15	3.49	4
5	0.460B	0.475B	4.66	2.19	1.61	0.931	1.19	3.97	9.55	2.09	3.20	3.29	5
6	0.475B	0.480B	3.85	2.02	1.54	0.851	1.09	2.14	7.45	2.93	3.65	3.10	6
7	0.470B	0.490B	2.71	1.89	1.49	0.762	0.858	1.48	5.85	3.14	3.56	3.00	7
8	0.462B	0.485B	2.38	1.78	1.40	0.733	0.718	1.33	4.61	2.93	3.34	3.06	8
9	0.459B	0.480B	2.36	1.72	1.30	0.727	0.664	1.24	3.66	2.73	3.18	2.85B	9
10	0.455B	0.480B	2.39	1.63	1.44	0.681	0.624	1.22	3.07	2.54	3.08	2.72B	10
11	0.455B	4.73 B	2.36	1.66	2.16	0.689	0.567	2.13	2.68	2.35	2.98	2.60B	11
12	0.455B	3.90 B	2.24	1.64	2.38	0.652	0.551	2.55	2.32	2.17	2.89	2.50B	12
13	0.464B	3.65 B	2.21	1.61	2.15	0.689	0.528	2.28	2.01	2.04	2.79	2.42B	13
14	0.480B	3.45 B	2.12	2.83	1.90	0.943	0.497	1.96	1.94	1.98	2.65	2.37	14
15	0.490B	3.20 B	2.12	3.14	1.97	0.897	0.483	2.24	1.84	1.91	2.10	2.36	15
16	0.500B	4.80 B	1.98	2.74	2.07	0.780	0.472	2.75	1.77	1.88	2.32	2.34	16
17	0.495B	8.00 B	1.90	2.74	1.90	0.746	0.436	2.42	1.75	1.79	2.56	2.25B	17
18	0.480B	12.5 B	1.85	2.95	1.59	0.680	0.503	2.02	1.74	3.29	2.52	2.10B	18
19	0.500B	19.5 B	1.95B	2.68	1.45	0.659	.708	1.73	1.66	3.39	2.36	2.00B	19
20	0.520B	23.0 B	1.85B	2.37	1.36	0.649	1.81	1.50	1.60	3.03	3.91	1.89B	20
21	0.510B	18.0 B	1.80B	2.06	1.29	0.791	1.38	1.34	1.71	3.05	4.83	1.80B	21
22	0.500B	13.0 B	1.74B	1.91	1.17	1.33	0.940	1.26	2.31	4.82	4.16	1.87B	22
23	0.520B	8.96	1.83	2.13	1.06	1.28	0.730	1.25	2.30	6.23	3.72	1.92B	23
24	0.540B	7.89	1.91	2.54	0.964	1.07	0.760	1.23	2.08	5.24	3.37	1.89B	24
25	0.560B	7.93	2.02	2.43	0.973	0.929	0.784	1.21	1.92	4.80	2.97B	1.80B	25
26	0.580B	7.20	2.09	2.24	0.954	0.801	0.808	1.18	2.00	4.50	3.09	1.75B	26
27	0.560B	6.20	2.28	2.06	0.934	0.712	0.738	1.11	2.04	5.79	3.99	1.70B	27
28	0.530B	6.57	2.31	2.29	1.12	0.645	1.59	1.18	1.88	5.74	3.88	1.85B	28
29	0.500B		2.31	2.52	1.12	0.639	2.25	1.38	1.74	5.13	3.59	1.80B	29
30	0.475B		2.81	2.38	1.06	0.619	1.49	1.82	1.75	4.62	3.37	1.79B	30
31	0.455B		3.10		1.00		1.14	2.52		4.21		1.78B	31
TOTAL	16.120	167.366	84.64	68.69	46.945	24.604	27.150	53.480	89.38	103.68	97.93	75.38	TOTAL
MEAN	0.520	5.98	2.73	2.29	1.51	0.820	0.876	1.73	2.98	3.34	3.26	2.43	MEAN
MAX	0.940	23.0	6.05	3.14	2.38	1.33	2.25	3.97	9.55	6.23	4.83	3.93	MAX
MIN	0.455	0.475	1.74	1.61	0.934	0.619	0.436	0.861	1.60	1.79	2.10	1.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.34
MAXIMUM DAILY, 23.0B ON FEB 20
MINIMUM DAILY, 0.436 ON JUL 17

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 26 13 N
LONG 79 51 52 W
DRAINAGE AREA, 235 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 390	JUL	2 350
FEB	14 500	AUG	4 620
MAR	7 310	SEP	7 720
APR	5 930	OCT	8 960
MAY	4 060	NOV	8 460
JUN	2 130	DEC	6 510

TOTAL DISCHARGE, 73 900 dam³

BURNT RIVER NEAR BURNT RIVER - STATION NO. 02HF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.0 B	7.60B	78.0B	98.5	21.6	14.9	11.5	6.01	12.9	13.3	18.9	18.6	1
2	13.7 B	7.70B	66.0B	101	20.3	13.5	11.6	5.89	13.3	12.8	17.4	18.4	2
3	13.4 B	7.80B	56.0B	96.0	19.4	12.8	11.2	5.98	12.7	12.6	16.1	18.8	3
4	13.1 B	7.70B	46.0B	89.6	19.4	12.9	10.9	6.09	14.4	12.3	15.5	18.8	4
5	12.8 B	7.66B	40.0B	84.1	18.6	13.8	10.9	6.57	17.5	14.1	14.7	18.3	5
6	12.6 B	7.60B	36.0B	77.6	16.1	13.0	11.3	8.12	21.7	12.8	14.6	16.7	6
7	12.4 B	7.50B	33.0B	69.9	12.6	11.9	10.6	9.13	22.6	13.6	15.5	15.9	7
8	12.0 B	7.40B	30.0B	61.3	11.7	11.1	9.05	9.25	29.5	16.6	15.4	16.6	8
9	11.7 B	7.30B	28.5B	46.7	11.2	10.6	7.66	10.7	33.2	18.7	15.1	16.5B	9
10	11.4 B	7.30B	27.0B	42.0	11.0	10.0	7.28	11.6	28.0	19.4	14.4	14.6B	10
11	11.0 B	8.60B	25.0B	37.9	14.4	9.46	11.1	13.8	28.3	18.7	14.4	14.0B	11
12	10.7 B	12.0 B	23.0B	36.4	31.4	8.48	12.5	12.0	26.2	17.7	14.4	13.5B	12
13	10.5 B	14.0 B	21.5B	34.0	52.8	7.56	11.7	9.59	23.1	16.7	14.1	13.1B	13
14	10.3 B	14.4 B	20.0B	32.8	50.3	7.84	7.88	8.24	19.7	15.4	13.8	12.7B	14
15	10.1 B	14.6 B	19.0B	36.4	46.0	7.91	9.87	8.19	15.9	14.8	13.4	12.3B	15
16	9.90B	15.0 B	18.2B	36.1	43.3	8.63	11.8	10.1	18.6	14.5	13.5	12.0B	16
17	9.70B	16.0 B	17.5B	36.8	40.4	8.87	11.5	9.84	21.7	14.7	14.7	11.7B	17
18	9.50B	17.5 B	17.0B	37.6	35.8	7.84	11.4	8.60	21.4	16.0	16.1	11.4B	18
19	9.40B	22.0 B	16.5B	38.1	33.4	7.08	11.7	7.44	20.7	20.8	15.5	11.2B	19
20	9.30B	27.0 B	16.0B	36.3	30.2	6.51	11.4	6.67	20.6	22.2	15.6	11.0B	20
21	9.10B	37.0 B	15.5	32.1	26.2	6.20	11.1	6.06	20.0	21.6	16.8	10.9B	21
22	9.00B	52.0 B	15.4	28.5	22.9	7.24	10.9	5.48	19.1	20.3	17.0	11.1B	22
23	8.90B	80.0 B	15.4	26.0	23.8	13.2	10.5	5.16	18.3	20.3	16.3	11.3B	23
24	8.80B	120 B	14.0	24.8	23.1	17.1	10.0	4.95	17.7	20.9	14.8	11.5B	24
25	8.70B	140 B	13.1	25.0	22.4	16.9	9.76	4.78	17.6	20.5	14.4	11.6B	25
26	8.70B	140 B	12.9	23.7	21.6	14.7	9.40	4.66	17.1	19.9	14.4	11.4B	26
27	8.80B	120 B	13.9	22.2	17.3	12.9	9.01	4.65	17.4	20.2	16.3	11.2B	27
28	8.60B	95.6 B	15.7	21.1	15.6	11.2	8.29	4.69	17.7	20.4	20.6	11.0B	28
29	8.30B		17.1	21.4	15.1	10.0	7.80	4.80	16.7	19.9	21.2	10.8B	29
30	8.00B		27.6	22.4	15.9	10.7	6.72	4.90	14.1	19.3	19.4	10.6B	30
31	7.80B		67.9		16.1		6.17	5.31		19.8		10.5B	31
TOTAL	322.20	1 021.26	862.7	1 376.3	759.9	324.82	312.49	229.25	597.7	540.8	474.3	418.0	TOTAL
MEAN	10.4	36.5	27.8	45.9	24.5	10.8	10.1	7.40	19.9	17.4	15.8	13.5	MEAN
MAX	14.0	140	78.0	101	52.8	17.1	12.5	13.8	33.2	22.2	21.2	18.8	MAX
MIN	7.80	7.30	12.9	21.1	11.0	6.20	6.17	4.65	12.7	12.3	13.4	10.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.8
MAXIMUM DAILY, 140B ON FEB 25
MINIMUM DAILY, 4.65 ON AUG 27
MAXIMUM INSTANTANEOUS,
145B AT 21:15 EST ON FEB 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 42 03 N
LONG 78 40 40 W
DRAINAGE AREA, 1 270 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	27 800	JUL	27 000
FEB	88 200	AUG	19 800
MAR	74 500	SEP	51 600
APR	119 000	OCT	46 700
MAY	65 700	NOV	41 000
JUN	28 100	DEC	36 100

TOTAL DISCHARGE, 626 000 dam³

CANAGAGIGUE CREEK NEAR ELMIRA - STATION NO. 02GA023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.20 B	0.465B	5.48	1.60	1.01	0.455	0.431	0.321	1.23	1.30	2.39	1.92	1
2	1.18 B	0.458B	4.03	1.18	0.903	0.468	0.411	0.315	1.40	1.66	1.72	2.64	2
3	1.16 B	0.440B	2.05 B	0.973	0.829	0.470	0.424	0.361	0.936	1.34	0.828	2.45	3
4	1.14 B	0.425B	1.28 B	0.854	0.760	0.460	0.419	0.380	3.92	1.15	0.782	2.18	4
5	1.12 B	0.420B	1.20 B	0.782	0.664	0.447	0.428	0.418	2.52	1.12	1.32	1.94	5
6	1.05 B	0.418B	1.14 B	0.639	0.530	0.421	0.416	0.360	1.51	1.82	2.07	1.81	6
7	0.700B	0.410B	1.01 B	0.587	0.515	0.389	0.424	0.369	1.07	1.91	1.96	1.75	7
8	0.540B	0.405B	1.09	0.553	0.500	0.419	0.415	0.371	1.06	1.57	1.92	1.72	8
9	0.410B	0.400B	1.13	0.528	0.491	0.429	0.529	0.362	1.14	1.34	1.88	1.65 B	9
10	0.360B	0.399B	1.18	0.492	1.11	0.431	0.412	0.569	1.05	1.21	1.86	1.57 B	10
11	0.380B	0.600B	1.15	0.508	2.06	0.415	0.396	0.523	0.953	1.11	1.85	1.00 B	11
12	0.395B	1.15 B	1.12	0.478	2.64	0.408	0.398	0.471	0.902	1.02	1.77	0.810B	12
13	0.400B	1.08 B	0.860B	0.473	2.66	0.441	0.416	0.482	0.883	0.972	1.74	0.710B	13
14	0.405B	1.04 B	0.700B	1.14	1.87	0.518	0.419	0.456	0.895	1.01	1.72	0.740B	14
15	0.407B	1.02 B	0.665B	0.845	1.08	0.650	0.419	0.713	0.874	1.11	1.73	0.760B	15
16	0.408B	0.999B	0.700B	0.727	1.10	0.455	0.421	0.502	0.870	1.05	1.80	0.710B	16
17	0.404B	1.61 B	0.640B	0.797	0.987	0.437	0.416	0.458	1.18	1.01	1.60	0.670B	17
18	0.401B	4.20 B	0.600B	0.869	0.862	0.427	0.453	0.457	1.74	1.47	1.53	0.650B	18
19	0.401B	9.80 B	0.560B	0.718	0.812	0.429	0.400	0.445	0.847	1.44	1.70	0.630B	19
20	0.418B	13.1 B	0.530B	0.680	0.775	0.391	0.396	0.434	0.832	1.33	2.21	0.620B	20
21	0.420B	12.4	0.580	0.598	0.729	0.475	0.366	0.433	1.66	1.75	2.47	0.610B	21
22	0.410B	10.0	0.517	0.689	0.658	1.04	0.355	0.502	2.64	2.78	2.20	0.660B	22
23	0.401B	16.5	0.552	0.960	0.526	0.737	0.336	0.429	4.47	3.41	2.00	0.700B	23
24	0.400B	11.2	0.592	0.981	0.511	0.558	0.325	0.440	0.999	3.42	1.83	0.540B	24
25	0.400B	8.00	0.595	0.899	0.546	0.498	0.318	0.416	0.938	2.82	1.77	0.500B	25
26	0.440B	6.88	0.669	0.814	0.522	0.463	0.329	0.431	0.951	2.02	1.73	0.470B	26
27	0.432B	6.12	0.747	0.803	0.595	0.435	0.312	0.435	0.969	2.00	2.50	0.460B	27
28	0.418B	5.85	0.737	1.30	0.528	0.400	0.726	0.682	0.973	3.84	2.36	0.455B	28
29	0.416B		0.773	1.36	0.512	0.406	0.397	0.485	0.753	3.35	2.09	0.450B	29
30	0.408B		1.57	1.15	0.482	0.409	0.347	1.05	0.475	2.85	1.93	0.445B	30
31	0.400B		2.11		0.463		0.331	1.41		2.54		0.440B	31
TOTAL	17.424	115.789	36.557	24.977	28.230	14.381	12.585	15.480	40.640	56.722	55.260	32.660	TOTAL
MEAN	0.562	4.14	1.18	0.833	0.911	0.479	0.406	0.499	1.35	1.83	1.84	1.05	MEAN
MAX	1.20	16.5	5.48	1.60	2.66	1.04	0.726	1.41	4.47	3.84	2.50	2.64	MAX
MIN	0.360	0.399	0.517	0.473	0.463	0.389	0.312	0.315	0.475	0.972	0.782	0.440	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.23
MAXIMUM DAILY, 16.5 ON FEB 23
MINIMUM DAILY, 0.312 ON JUL 27
MAXIMUM INSTANTANEOUS,
21.2 AT 17:27 EST ON FEB 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 34 46 N
LONG 80 30 30 W
DRAINAGE AREA, 118 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 510	JUL	1 090
FEB	10 000	AUG	1 340
MAR	3 160	SEP	3 510
APR	2 160	OCT	4 900
MAY	2 440	NOV	4 770
JUN	1 240	DEC	2 820

TOTAL DISCHARGE, 38 900 dam³

CANAGAGIGUE CREEK NEAR FLORADALE - STATION NO. 02GA036

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.028B	0.035B	0.559	0.588	0.092	0.040	0.023	0	0.222	0.224	0.178	0.282	1
2	0.027B	0.031B	0.339	0.358	0.083	0.033	0.014	0	0.284	0.268	0.148	0.690	2
3	0.026B	0.029B	0.190B	0.268	0.074	0.042	0.006	0	0.134	0.167	0.115	0.491	3
4	0.025B	0.027B	0.148B	0.247	0.069	0.056	0.003	0	1.84	0.105	0.097	0.324	4
5	0.024B	0.026B	0.124B	0.207	0.067	0.050	0.035	0	0.627	0.092	0.094	0.237	5
6	0.024B	0.025B	0.108B	0.141	0.064	0.043	0.042	0	0.329	0.757	0.093	0.191	6
7	0.024B	0.024B	0.095B	0.106	0.060	0.032	0.028	0	0.210	0.659	0.085	0.165	7
8	0.023B	0.023B	0.103	0.095	0.057	0.018	0.011	0	0.134	0.419	0.077	0.126	8
9	0.023B	0.022B	0.123	0.091	0.057	0.019	0.001	0	0.089	0.274	0.071	0.102	9
10	0.023B	0.021B	0.135	0.081	0.085	0.020	0	0.010	0.076	0.199	0.067	0.088	10
11	0.023B	0.035B	0.117	0.079	0.501	0.019	0	0.025	0.064	0.149	0.066	0.084	11
12	0.023B	0.110B	0.093B	0.075	0.372	0.007	0	0.013	0.055	0.105	0.062	0.077	12
13	0.023B	0.103B	0.085B	0.072	0.231	0.003	0	0.003	0.046	0.090	0.060	0.072	13
14	0.023B	0.098B	0.081B	0.420	0.167	0.014	0	0.001	0.041	0.084	0.059	0.071	14
15	0.022B	0.095B	0.077B	0.322	0.161	0.020	0	0.022	0.034	0.098	0.059	0.070	15
16	0.023B	0.093B	0.086B	0.214	0.269	0.015	0	0.034	0.028	0.103	0.064	0.066	16
17	0.023B	0.124B	0.069B	0.200	0.202	0.005	0	0.036	0.029	0.093	0.069	0.062	17
18	0.022B	0.600B	0.065B	0.178	0.135	0.001	0	0.028	0.030	0.375	0.069	0.058	18
19	0.022B	1.80 B	0.063B	0.138	0.099	0	0	0.015	0.030	0.420	0.069	0.053	19
20	0.023B	3.75 B	0.061B	0.101	0.087	0	0	0.005	0.029	0.312	0.345	0.049	20
21	0.022B	3.15 B	0.060B	0.091	0.076	0	0	0.001	0.029	0.318	0.508	0.046B	21
22	0.022B	2.80 B	0.067	0.088	0.068	0.186	0	0.024	0.046	0.706	0.314	0.045B	22
23	0.022B	4.40 B	0.077	0.091	0.062	0.128	0	0.057	0.045	1.11	0.241	0.048B	23
24	0.021B	2.18	0.092	0.092	0.061	0.078	0	0.032	0.039	0.771	0.186	0.044B	24
25	0.021B	0.887	0.109	0.089	0.062	0.061	0	0.022	0.037	0.439	0.136	0.042B	25
26	0.024B	0.556	0.120	0.083	0.059	0.049	0	0.011	0.049	0.323	0.168	0.041B	26
27	0.031B	0.450	0.184	0.077	0.057	0.040	0	0.005	0.057	0.432	1.89	0.040B	27
28	0.026B	0.739	0.227	0.093	0.058	0.033	0.004	0.024	0.055	0.605	0.709	0.040B	28
29	0.025B		0.279	0.125	0.055	0.027	0.002	0.042	0.051	0.350	0.389	0.040B	29
30	0.024B		1.04	0.104	0.052	0.022	0.002	0.190	0.049	0.256	0.275	0.039B	30
31	0.027B		0.948		0.047		0	0.181		0.210		0.038B	31
TOTAL	0.739	22.233	5.924	4.914	3.589	1.021	0.171	0.781	4.788	10.513	6.763	3.821	TOTAL
MEAN	0.024	0.794	0.191	0.164	0.116	0.034	0.006	0.025	0.160	0.339	0.225	0.123	MEAN
MAX	0.031	4.40	1.04	0.588	0.501	0.146	0.042	0.190	1.84	1.11	1.89	0.690	MAX
MIN	0.021	0.021	0.060	0.072	0.047	0	0	0	0.028	0.084	0.059	0.038	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.179
MAXIMUM DAILY, 4.40B ON FEB 23
MINIMUM DAILY, 0 ON JUN 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 40 12 N
LONG 80 35 48 W
DRAINAGE AREA, 17.9 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	63.8	JUL	14.8
FEB	1 920	AUG	67.5
MAR	512	SEP	414
APR	425	OCT	908
MAY	310	NOV	584
JUN	88.2	DEC	330

TOTAL DISCHARGE, 5 640 dam³

CANARD RIVER NEAR LUKERVILLE - STATION NO. 02GH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.049B	0.295B	3.50 E	0.412	4.88	0.212E	0.250E	1.61	0.633	15.6	1.93	0.313	1
2	0.048B	0.274B	2.75 E	0.418	2.28	0.210E	0.736	0.752	0.765	30.4	1.32	0.704	2
3	0.048B	0.270B	2.30 E	0.403	1.33	0.973E	0.340E	0.448	0.612	15.9	0.975	0.948	3
4	0.046B	0.290B	1.85 E	0.368	0.920	6.47	0.270E	0.300E	11.3	6.31	0.777	0.792	4
5	0.044B	0.310B	1.50 E	0.314	0.718	7.15	0.320E	0.230E	13.7	2.90	0.650	0.744	5
6	0.042B	0.297B	1.25 E	0.249	0.605	3.66	1.20	0.208E	10.1	1.62	0.592	0.693	6
7	0.040B	0.285B	1.00 E	0.199	0.518	1.46	0.460E	0.170E	4.68	1.06	0.539	0.585	7
8	0.038B	0.275B	0.850E	0.167	0.444	0.768	0.179E	0.160E	2.21	0.722	0.466	0.572	8
9	0.036B	0.278B	0.700E	0.139	0.378	0.618	0.182E	0.120E	1.10	0.569	0.376	0.602	9
10	0.034B	0.360B	0.790E	0.109	0.362	0.696	0.195E	0.105E	0.628	0.452	0.313	0.417	10
11	0.032B	1.10 B	0.890E	0.252	0.846	0.664	0.185E	0.090E	0.408	0.369	0.270	0.297	11
12	0.030B	2.00 B	0.961A	2.06	3.43	0.592	0.175E	0.075E	0.197E	0.305	0.259	0.253	12
13	0.028B	2.40 B	0.911	3.73	5.29	0.524	2.10 E	0.065E	0.194E	0.286	0.304	0.219	13
14	0.028B	3.00 B	0.766	15.7	2.83	1.36	4.12	0.058E	0.191A	0.264	0.337	0.186	14
15	0.028B	2.00 B	0.675	18.6	2.77	6.34	1.27	0.135E	0.191E	0.239	0.321	0.182	15
16	0.028B	2.30 B	0.617	6.91	5.42	8.37	0.708	0.205E	0.191E	0.208	0.296	0.184	16
17	0.027B	14.0 B	0.542	3.20	6.23	4.50	0.485	0.090E	0.300E	0.177	0.284	0.178	17
18	0.027B	25.0 B	0.484	2.05	3.01	1.61	0.300E	0.045A	1.86	0.322	0.276	0.169	18
19	0.027B	23.0 B	0.426	1.41	1.43	0.752	0.240E	0.038E	3.30	0.732	0.277	0.153	19
20	0.027B	26.2 B	0.369	1.03	0.897	0.503	5.23	0.035E	2.71	0.506	0.580	0.140	20
21	0.027B	17.9 B	0.334	0.772	0.655	0.348	11.3	0.034E	1.86	0.427	1.39	0.123	21
22	0.026B	9.70 B	0.295	0.626	0.503	1.04	16.4	0.033E	10.5	1.05	1.37	0.132	22
23	0.026B	12.5 E	0.265	0.712	0.404	1.05	9.53	0.032E	12.1	8.49	1.40	0.207	23
24	0.026B	14.6 E	0.240	0.713	0.332	0.756	3.33	0.031E	8.51	9.15	0.970	0.457	24
25	0.026B	9.14 E	0.230	0.654	0.300E	1.03	1.26	0.030E	3.49	5.93	0.655	0.511	25
26	0.110B	4.62 E	0.230	0.631	0.280E	0.709	2.48	0.040E	1.68	2.89	0.493	0.371	26
27	0.190B	3.38 A	0.264	0.594	0.265E	0.432	4.26	0.048E	0.938	5.00 E	0.461	0.314	27
28	0.250B	3.10 E	0.265	1.09	0.250E	0.300E	8.82	0.057E	0.573	9.60 E	0.416	0.290B	28
29	0.325B		0.264	12.0	0.240E	0.250E	12.4	0.070E	0.389	6.60 E	0.284	0.280B	29
30	0.335B		0.311	12.5	0.228E	0.207E	10.1	0.338	0.517	5.00 E	0.200	0.275B	30
31	0.317B		0.404		0.218E		4.23	0.534		3.47		0.270B	31
TOTAL	2.365	177.874	26.233	88.012	48.263	53.554	103.055	6.186	95.827	136.548	18.781	11.561	TOTAL
MEAN	0.076	6.35	0.846	2.93	1.56	1.79	3.32	0.200	3.19	4.40	0.626	0.373	MEAN
MAX	0.335	26.2	3.50	18.6	6.23	8.37	16.4	1.61	13.7	30.4	1.93	0.948	MAX
MIN	0.026	0.270	0.230	0.109	0.218	0.207	0.175	0.030	0.191	0.177	0.200	0.123	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.10
MAXIMUM DAILY, 30.4 ON OCT 2
MINIMUM DAILY, 0.026B ON JAN 22
MAXIMUM INSTANTANEOUS,
34.9 AT 12:30 EST ON OCT 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 09 33 N
LONG 83 01 05 W
DRAINAGE AREA, 159 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	204	JUL	8 900
FEB	15 400	AUG	534
MAR	2 270	SEP	8 280
APR	7 600	OCT	11 800
MAY	4 170	NOV	1 620
JUN	4 630	DEC	999

TOTAL DISCHARGE, 66 400 dam³

CARP RIVER NEAR KINBURN - STATION NO. 02KF011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.544B	0.276B	9.29	7.29	2.10	3.46	1.53	0.225	0.246	1.78	10.0	2.88	1
2	0.529B	0.275B	7.39	7.61	1.70	2.46	1.69	0.208	0.301	1.71	7.34	2.60	2
3	0.510B	0.279B	4.61	6.84	1.47	1.84	2.06	0.194	0.323	1.80	5.39	2.50	3
4	0.452B	0.272B	3.85	6.04	1.29	1.55	1.79	0.180	0.342	1.90	4.22	2.64	4
5	0.386B	0.264B	3.64	7.01	1.27	1.45	1.47	1.57	0.380	1.78	3.59	2.62	5
6	0.349B	0.262B	2.66	6.92	1.32	1.46	1.39	2.27	0.505	1.62	4.06	1.52	6
7	0.324B	0.257B	2.84	5.59	1.10	1.97	1.40	1.51	0.570	2.02	5.67	1.79	7
8	0.310B	0.254B	2.50	4.23	0.906	1.85	1.10	1.02	0.969	3.32	5.78	2.16	8
9	0.305B	0.251B	2.52	3.98	0.780	1.70	0.911	0.747	3.01	3.42	5.26	1.40	9
10	0.303B	0.250B	2.65	3.92	0.731	1.90	1.12	0.607	6.72	2.87	4.57	1.06	10
11	0.300B	0.370B	2.70	3.53	1.15	2.05	0.988	0.505	10.6	2.45	3.84	1.27	11
12	0.297B	0.840B	2.54	3.19	3.78	1.76	0.790	0.381	10.9	2.03	3.45	1.34	12
13	0.294B	1.66 B	2.45	2.74	5.24	1.41	0.623	0.347	9.95	1.71	3.00	1.25	13
14	0.291B	1.63 B	1.98	2.42	4.29	1.34	0.505	0.325	8.10	1.52	2.67	1.23	14
15	0.289B	1.58 B	2.18	2.28	3.22	1.60	0.463	0.373	6.27	1.46	2.59	1.26	15
16	0.286B	1.50 B	2.16	2.09	2.92	8.04	0.451	0.760	4.62	1.65	2.66	1.27	16
17	0.284B	2.03 B	1.71	1.97	3.68	21.2	0.388	1.24	3.29	2.01	2.68	0.979	17
18	0.281B	6.46 B	1.43	2.14	3.21	18.5	0.358	1.16	2.41	2.45	2.58	0.940B	18
19	0.279B	15.5 B	1.79	2.29	2.42	10.8	0.375	0.874	1.95	2.94	2.56	0.910	19
20	0.277B	25.4 B	1.48	2.07	1.91	6.04	0.614	0.633	1.71	2.81	2.62	0.763	20
21	0.276B	42.2 B	1.45	1.84	1.64	3.41	0.738	0.473	1.63	2.47	3.57	0.661	21
22	0.272B	47.9 B	1.66	1.68	1.38	4.00	0.601	0.368	1.48	2.32	5.16	0.651	22
23	0.263B	53.0 B	2.02	2.17	1.05	8.65	0.453	0.324	1.34	4.06	4.80	0.639B	23
24	0.258B	57.2	2.43	2.84	0.832	9.05	0.362	0.311	1.53	7.31	3.50	0.640B	24
25	0.255B	48.6	2.61	2.75	0.758	7.62	0.302	0.273	1.91	7.08	3.02	0.646B	25
26	0.261B	35.3	2.51	2.48	0.763	5.49	0.256	0.251	1.92	6.82	2.55	0.658B	26
27	0.273B	20.8	2.99	2.16	1.05	3.88	0.235	0.243	2.20	11.4	2.52	0.653B	27
28	0.282B	12.8	3.35	1.90	2.59	2.81	0.229	0.236	2.58	24.2	3.51	0.644B	28
29	0.283B		3.14	1.95	5.63	2.12	0.230	0.217	2.47	23.4	3.16	0.650B	29
30	0.282B		4.02	2.26	5.51	1.70	0.227	0.193	2.05	19.3	2.58	0.653B	30
31	0.278B		6.86		4.61		0.238	0.227		14.1		0.642B	31
TOTAL	9.873	377.410	95.41	106.18	70.300	141.11	23.887	18.248	92.276	165.71	118.90	39.519	TOTAL
MEAN	0.318	13.5	3.08	3.54	2.27	4.70	0.771	0.589	3.08	5.35	3.96	1.27	MEAN
MAX	0.544	57.2	9.29	7.61	5.63	21.2	2.06	2.27	10.9	24.2	10.0	2.88	MAX
MIN	0.255	0.250	1.43	1.68	0.731	1.34	0.227	0.180	0.246	1.46	2.52	0.639	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.45
MAXIMUM DAILY, 57.2 ON FEB 24
MINIMUM DAILY, 0.180 ON AUG 4
MAXIMUM INSTANTANEOUS,
61.0 AT 00:50 EST ON FEB 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 25 03 N
LONG 76 11 55 W
DRAINAGE AREA, 269 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	853	JUL	2 060
FEB	32 600	AUG	1 580
MAR	8 240	SEP	7 970
APR	9 170	OCT	14 300
MAY	6 070	NOV	10 300
JUN	12 200	DEC	3 410

TOTAL DISCHARGE, 109 000 dam³

CARRICK CREEK NEAR CARLSRUHE - STATION NO. 02FC011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.804B	0.564B	8.11	5.46	1.30	0.926	0.471	0.248	0.964	0.761	1.35	2.31	1
2	0.775B	0.628B	6.18	4.01	1.16	0.900	0.464	0.275	1.40	1.15	1.23	4.67	2
3	0.752B	0.617B	4.99	3.13	1.10	0.845	0.415	0.325	1.21	0.982	1.20	3.95	3
4	0.728B	0.598B	4.20B	2.9[illegible]	1.03	1.15	0.504	0.353	3.36	0.851	1.15	2.98	4
5	0.701B	0.585B	3.80B	2.71	0.968	1.20	1.18	0.450	3.34	0.792	1.13	2.41	5
6	0.679B	0.575B	3.50B	2.29	1.01	1.03	0.759	0.346	1.56	1.27	1.32	2.02	6
7	0.653B	0.566B	3.30B	2.03	1.01	0.856	0.506	0.281	1.06	2.51	1.24	1.91	7
8	0.637B	0.558B	3.10B	1.80	1.06	0.754	0.442	0.300	1.17	2.10	1.06	1.77 B	8
9	0.619B	0.553B	3.52	1.98	1.07	0.726	0.382	0.632	1.24	1.40	0.968	1.49 B	9
10	0.604B	0.548B	3.60	1.86	1.42	0.817	0.334	0.456	1.05	1.16	0.993	1.33 B	10
11	0.593B	0.918B	3.36	1.80	6.40	0.833	0.312	0.325	0.860	1.15	1.07	1.23 B	11
12	0.584B	1.19 B	3.04	1.67	6.75	0.737	0.302	0.234	0.764	0.967	1.02	1.13 B	12
13	0.572B	1.56 B	3.20	1.48	4.20	0.755	0.279	0.216	0.668	0.866	0.971	1.02 B	13
14	0.560B	1.81 B	2.78	3.34	2.91	0.741	0.268	0.201	0.606	0.863	0.952	0.945B	14
15	0.552B	2.02 B	2.50B	3.62	2.91	0.752	0.234	0.409	0.541	0.875	0.897	0.910B	15
16	0.581B	2.22 B	2.30B	2.52	2.91	0.675	0.220	0.562	0.507	0.942	0.943	0.894B	16
17	0.534B	2.94 B	2.10B	2.26	2.38	0.653	0.214	0.414	0.488	0.829	0.995	0.875B	17
18	0.528B	6.45 B	2.04B	2.27	1.83	0.568	0.241	0.307	0.494	1.87	0.996	0.859B	18
19	0.523B	11.8 B	1.95B	1.94	1.56	0.488	0.183	0.291	0.482	3.71	1.03	0.840B	19
20	0.519B	22.7 B	1.89B	1.78	1.30	0.455	0.192	0.292	0.489	2.70	3.09	0.824B	20
21	0.512B	20.4 B	1.85B	1.57	1.17	0.476	0.225	0.178	0.493	1.76	3.89	0.808B	21
22	0.503B	19.1 B	1.79B	1.41	1.15	0.999	0.219	0.150	0.616	1.51	2.57	0.850B	22
23	0.506B	28.5	2.50B	1.52	1.04	1.34	0.218	0.141	0.643	2.05	1.97	0.878B	23
24	0.504B	23.9	2.90B	1.63	1.01	1.06	0.169	0.178	0.562	2.38	1.83	0.870B	24
25	0.502B	15.2	3.10B	1.50	0.990	0.938	0.172	0.166	0.537	1.99	1.50	0.852B	25
26	0.595B	10.6	3.20B	1.36	0.947	0.742	0.237	0.156	0.638	1.54	1.56	0.839B	26
27	0.728B	8.41	3.40B	1.29	0.912	0.582	0.296	0.148	0.904	1.41	5.89	0.820B	27
28	0.690B	8.99	3.70B	1.25	0.995	0.484	0.643	0.614	0.999	2.03	4.90	0.808B	28
29	0.664B		4.06	1.52	0.972	0.451	0.915	0.944	0.762	2.08	3.23	0.795B	29
30	0.628B		5.86	1.51	1.14	0.460	0.556	2.29	0.674	1.79	2.52	0.788B	30
31	0.586B		7.79		1.09		0.310	1.39		1.55		0.770B	31
TOTAL	18.882	194.500	109.61	65.47	55.694	23.393	11.862	13.272	29.081	47.838	53.465	43.445	TOTAL
MEAN	0.609	6.95	3.54	2.18	1.80	0.780	0.383	0.428	0.969	1.58	1.78	1.40	MEAN
MAX	0.804	28.5	8.11	5.46	6.75	1.34	1.18	2.29	3.36	3.71	5.89	4.67	MAX
MIN	0.502	0.548	1.79	1.25	0.912	0.451	0.169	0.141	0.482	0.761	0.897	0.770	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.83
MAXIMUM DAILY, 28.5 ON FEB 23
MINIMUM DAILY, 0.141 ON AUG 23
MAXIMUM INSTANTANEOUS,
35.3 AT 07:45 EST ON FEB 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 06 47 N
LONG 81 01 12 W
DRAINAGE AREA, 163 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 630	JUL	1 020
FEB	16 800	AUG	1 150
MAR	9 470	SEP	2 510
APR	5 660	OCT	4 130
MAY	4 810	NOV	4 620
JUN	2 020	DEC	3 750

TOTAL DISCHARGE, 57 600 dam³

CASTOR RIVER AT RUSSELL - STATION NO. 02LB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.980B	0.740B	13.2	9.68	3.64	4.24	2.63	0.414	0.894	6.06	11.8	5.08 B	1
2	0.940B	0.820B	12.9	12.5	3.06	2.93	3.11	0.378	0.954	5.30	8.95	4.20	2
3	0.900B	0.805B	9.07B	9.18	2.56	2.28	2.87	0.367	0.900	5.27	7.51	4.27	3
4	0.865B	0.785B	7.24B	9.59	2.29	7.85	6.29	0.501	0.862	4.97	6.47	4.76	4
5	0.830B	0.755B	6.05B	12.1	2.12	14.9	12.5	11.4	0.825	4.40	5.68	4.68	5
6	0.800B	0.725B	5.16B	9.84	2.05	9.58	7.60	8.07	0.781	4.03	6.47	3.53	6
7	0.764B	0.720B	4.78B	7.04	1.98	7.82	4.14	3.85	0.736	8.39	11.2	3.64 B	7
8	0.755B	0.725B	5.00	5.55	1.89	4.97	2.48	2.05	5.78	10.2	10.8	3.18 B	8
9	0.742B	0.720B	5.56	5.04	1.91	5.05	1.81	1.60	55.3	8.09	11.1	2.76 B	9
10	0.727B	0.720B	5.72	5.95	1.92	4.90	1.67	2.96	44.8	6.33	9.07	2.55 B	10
11	0.715B	4.60 B	5.54	5.41	3.18	3.43	1.49	5.35	49.7	5.11	7.32	2.32 B	11
12	0.702B	18.5 B	5.21	5.31	12.8	2.67	1.18	7.63	36.2	4.24	6.50	2.09	12
13	0.693B	17.6 B	4.90	4.22	14.3	3.03	1.00	4.98	29.9	3.62	5.24	2.00 B	13
14	0.680B	16.0 B	4.52B	3.76	9.72	2.75	0.875	3.14	22.7	3.26	4.76	1.85	14
15	0.667B	14.4 B	4.33B	3.79	7.22	2.47	0.828	9.81	16.4	3.08	4.49	1.91	15
16	0.660B	13.0 B	3.93B	3.41	19.4	8.71	0.766	24.8	10.6	2.95	4.57	1.89 B	16
17	0.655B	17.0 B	3.57B	3.18	22.0	8.54	0.685	16.8	6.64	2.88	4.68	1.88 B	17
18	0.650B	41.0 B	2.94B	3.78	13.5	5.78	0.598	10.7	5.04	3.03	5.10	1.74 B	18
19	0.645B	53.8 B	2.90B	4.63	8.59	3.36	0.585	6.82	4.44	4.41	6.84	1.53 B	19
20	0.640B	70.0 B	2.63B	3.96	6.21	2.49	0.614	4.48	3.71	4.42	7.17	1.36 B	20
21	0.635B	88.0 B	2.44	3.29	4.62	2.07	0.675	3.05	3.20	3.82	14.5	1.16 B	21
22	0.630B	86.0 B	2.49	2.81	3.77	24.4	0.721	2.15	2.88	3.84	17.6	1.09 B	22
23	0.628B	67.0 B	3.00	2.58	3.12	47.4	0.831	1.62	5.04	11.6	12.6	1.06 B	23
24	0.626B	75.7	3.91	2.86	2.60	22.5	0.760	1.36	19.8	17.3	8.48	1.03 B	24
25	0.624B	56.0	4.35	3.68	2.21	15.2	0.629	1.16	16.4	11.8	6.38	1.01 B	25
26	0.680B	43.3	4.41	4.04	2.04	9.33	0.554	1.07	11.8	12.3	4.84	0.990B	26
27	0.770B	26.3	4.91	3.33	1.99	6.54	0.474	0.962	14.0	24.7	4.98	0.985B	27
28	0.730B	16.7	5.08	2.88	3.32	4.87	0.444	0.874	16.6	41.6	9.22	0.980B	28
29	0.705B		4.59	2.96	7.86	3.47	0.454	0.847	11.5	28.4	8.44	0.975B	29
30	0.700B		6.17	4.07	6.54	2.61	0.455	0.848	8.04	21.7	6.45B	0.970B	30
31	0.700B		11.6		6.00		0.467	0.863		16.7		0.965B	31
TOTAL	22.438	732.415	168.10	160.42	184.41	246.14	60.185	140.904	406.422	293.80	239.21	68.435	TOTAL
MEAN	0.724	26.2	5.42	5.35	5.95	8.20	1.94	4.55	13.5	9.48	7.97	2.21	MEAN
MAX	0.980	88.0	13.2	12.5	22.0	47.4	12.5	24.8	55.3	41.6	17.6	5.08	MAX
MIN	0.624	0.720	2.44	2.58	1.89	2.07	0.444	0.367	0.736	2.88	4.49	0.965	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.46
MAXIMUM DAILY, 88.0B ON FEB 21
MINIMUM DAILY, 0.367 ON AUG 3

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 15 43 N
LONG 75 20 40 W
DRAINAGE AREA, 433 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 940	JUL	5 200
FEB	63 300	AUG	12 200
MAR	14 500	SEP	35 100
APR	13 900	OCT	25 400
MAY	15 900	NOV	20 700
JUN	21 300	DEC	5 910

TOTAL DISCHARGE, 235 000 dam³

CAT RIVER BELOW WESLEYAN LAKE - STATION NO. 04GA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	33.1	26.3	20.7	17.8	21.5	29.5	40.7	32.8	20.6	19.0	24.6	34.4	1
2	32.8	25.7	20.5	18.1	21.6	30.0	40.6	32.6	20.2	18.9	24.7	34.6	2
3	32.6	25.2	20.2	18.3	22.1	30.2	41.6	32.1	20.1	18.9	25.1	34.8	3
4	32.4	25.6	20.0	18.1	22.7	30.6	42.0	31.4	19.6	18.8	25.3	34.5	4
5	32.3	25.5	19.9	18.1	23.2	31.2	42.1	31.5	18.9	18.8	26.1	34.7	5
6	32.1	25.2	19.8	18.1	23.8	31.6	41.9	31.7	19.2	18.9	26.1	35.0	6
7	31.9	25.1	19.9	18.0	24.4	31.7	41.6	31.6	22.1	19.2	26.1	35.4	7
8	31.6	24.8	19.7	17.9	24.7	32.6	41.3	31.4	22.1	19.1	27.0	35.3	8
9	31.4	24.3	19.4	18.0	25.1	32.9	41.2	31.2	21.7	19.0	27.2	35.4	9
10	31.3	24.0	19.2	17.9	25.3	33.1	40.8	31.0	21.4	19.0	27.6	35.6	10
11	31.0	23.8	19.0	18.1	25.7	33.4	40.3	30.7	21.3	19.2	27.9	35.5	11
12	30.8	23.5	19.1	18.1	25.8	33.6	40.0	29.8	20.9	19.4	28.0	35.8	12
13	30.7	23.5	18.8	18.3	26.1	33.4	39.3	29.6	20.6	19.6	28.4	36.1	13
14	30.6	23.4	18.8	18.2	26.2	33.9	38.8	29.2	20.2	20.0	28.8	36.1	14
15	30.2	23.3	18.7	18.0	26.2	35.6	38.8	28.2	19.8	19.9	29.0	36.0	15
16	29.7	23.0	18.1	18.2	25.9	36.4	38.8	27.9	19.2	20.0	29.9	36.1	16
17	29.5	22.7	17.6	18.4	26.0	36.5	38.4	27.3	19.0	20.2	30.4	36.0	17
18	29.3	22.5	17.3	18.3	26.0	37.9	38.1	26.5	18.8	20.9	31.1	35.9	18
19	28.8	22.4	17.4	18.6	26.0	38.4	37.8	26.5	18.6	21.0	31.5	36.0	19
20	28.6	22.3	17.5	18.7	25.9	38.9	37.2	26.4	18.1	21.0	31.2	36.0	20
21	28.6	21.9	17.5	18.3	25.6	39.0	36.9	25.4	17.8	21.3	31.3	36.0	21
22	27.9	22.0	17.6	18.4	25.4	39.5	36.3	25.1	17.4	21.5	31.6	36.1	22
23	28.2	21.7	17.4	19.0	25.7	40.1	35.9	24.8	17.0	21.5	31.7	36.3	23
24	27.5	21.3	17.1	19.4	25.9	39.8	35.5	24.1	17.1	21.6	32.1	36.2	24
25	27.5	21.3	17.1	19.6	27.2	39.8	35.6	23.7	17.2	22.0	32.6	36.2	25
26	27.2	21.2	17.1	19.8	27.4	40.1	35.1	23.0	17.5	22.1	33.0	36.2	26
27	27.1	20.9	16.8	20.0	27.8	40.8	34.6	22.8	19.3	22.5	33.9	36.2	27
28	26.9	20.8	16.9	20.3	28.1	40.9	34.3	22.1	19.6	22.6	33.8	36.2	28
29	26.3		16.8	20.9	28.6	41.1	33.7	21.5	19.3	23.1	33.9	36.3	29
30	26.4		16.9	21.2	29.2	41.3	33.5	21.2	19.1	23.2	34.3	36.4	30
31	26.5		17.0		29.3		33.1	20.6		24.1		36.2	31
TOTAL	920.8	653.2	569.8	560.1	794.4	1 073.8	1 185.8	853.7	583.7	636.3	884.2	1 107.5	TOTAL
MEAN	29.7	23.3	18.4	18.7	25.6	35.8	38.3	27.5	19.5	20.5	29.5	35.7	MEAN
MAX	33.1	26.3	20.7	21.2	29.3	41.3	42.1	32.8	22.1	24.1	34.3	36.4	MAX
MIN	26.3	20.8	16.8	17.8	21.5	29.5	33.1	20.6	17.0	18.8	24.6	34.4	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 26.9
MAXIMUM DAILY, 42.1 ON JUL 5
MINIMUM DAILY, 16.8 ON MAR 27
MAXIMUM INSTANTANEOUS,
42.2 AT 20:16 EST ON JUL 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 10 00 N
LONG 91 35 50 W
DRAINAGE AREA, 5 390 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	79 600	JUL	102 000
FEB	56 400	AUG	73 800
MAR	49 200	SEP	50 400
APR	48 400	OCT	55 000
MAY	68 600	NOV	76 400
JUN	92 800	DEC	95 700

TOTAL DISCHARGE, 848 000 dam³

CATARAQUI RIVER AT CHAFFEYS LOCKS - STATION NO. 02MA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.14	8.10E	16.5 E	7.11 E	2.97	2.43	1.80	1.50	1.60	19.4	15.5	5.23	1
2	3.13	8.14E	16.0 E	5.57 E	1.23	4.12	3.93	1.49	1.66	19.3	14.9	5.14	2
3	3.12	8.01E	16.0 E	1.63	1.23	2.19	4.13	1.53	4.05	19.0	11.2	5.12	3
4	3.09	7.89E	12.5	0.687	1.26	1.46	1.71	1.56	5.09	17.3	8.66	5.16	4
5	3.07	7.77E	12.5	0.812	1.28	1.50	1.78	3.86	10.3	16.5	8.54	5.20	5
6	3.04	7.65E	12.4	0.882	1.37	1.51	3.78	4.68	12.6	16.4	7.07	5.31	6
7	3.08	7.53E	12.5	0.884	1.30	1.48	5.06	4.59	12.2	16.4	4.12	5.21	7
8	3.11	7.41E	12.7	0.866A	1.59	1.43	4.96	2.63	12.5	16.3	4.08	5.30	8
9	3.09	7.29E	12.4	0.870A	1.24	3.56	4.89	1.70	13.5	16.2	4.16	5.29	9
10	3.10	7.29E	12.5	0.980A	1.28	4.40	3.89	1.72	13.8	16.1	4.12	5.27	10
11	3.06	7.77E	12.5	1.01 E	1.45	4.32	1.57	3.04	16.0	13.6	4.12	5.25	11
12	3.04	8.14E	12.6	1.03 E	3.78	2.90	1.49	4.90	17.0	12.4	4.39	5.24	12
13	3.01	8.26E	12.7	1.04 A	4.74	1.28	2.80	2.66	16.7	12.4	4.59	5.19	13
14	2.94	8.26E	12.8	1.05 E	4.69	1.25	4.80	1.61	16.6	12.4	4.56	5.19	14
15	2.93	8.38E	12.7	3.36 E	3.41	1.25	4.54	1.86	15.1	12.2	4.55	5.23	15
16	2.91	8.38E	8.72	3.93 A	1.60	1.25	4.35	3.79	8.78	12.0	3.53E	5.22	16
17	2.91	8.63E	7.11E	3.91 E	1.60	1.49	3.15	4.55	5.08	11.8	3.93	5.20	17
18	2.85	9.01E	7.23E	3.90 E	1.56	1.28	1.47	5.40	4.95	11.9	3.94	5.13	18
19	2.78	11.6 E	7.42E	3.88 E	3.60	1.30	1.49	5.21	4.91	13.3	3.91	5.11	19
20	2.77	14.8 E	7.23E	3.85 E	4.41	1.29	2.75	4.04	4.94	15.1	4.62	5.09	20
21	2.81	16.9 E	7.19E	4.50 E	4.33	1.23	4.51	1.87	8.47	15.0	5.78	5.06	21
22	2.84	20.3 E	7.15E	6.12 A	3.40	3.53	4.39	1.81	11.8	15.0	5.72	5.11	22
23	2.86	22.6 E	7.11E	6.74	1.31	4.85	4.25	1.80	12.1	15.5	5.62	5.18	23
24	2.89	23.0 E	7.11E	8.24	1.28	4.75	3.15	1.98	12.4	16.0	5.55	3.02	24
25	2.92	20.2 E	7.11E	4.16	1.29	4.69	1.44	1.72	14.5	15.9	5.50	1.70	25
26	2.94	17.7 A	7.11E	4.14	1.26	4.64	1.45	1.68	14.5	15.8	5.42	1.74	26
27	3.73E	17.3 E	7.23E	4.07	1.32	3.71	1.49	1.69	14.5	15.9	5.41	1.78	27
28	5.19E	16.9 E	7.15E	4.03	3.48	1.64	3.25	0.838	16.0	17.1	5.40	1.87	28
29	6.98E		7.07E	4.12	3.28	1.64	4.38	0.313	16.6	16.7	5.38	3.87	29
30	8.38E		6.99E	4.09	1.39	1.73	4.29	0.958	17.8	16.0	5.31	5.21	30
31	8.14E		7.23E		1.40		3.26	1.59		15.8		5.17	31
TOTAL	109.85	325.21	315.27	97.461	69.28	73.90	100.20	78.569	336.03	474.7	179.58	143.79	TOTAL
MEAN	3.54	11.6	10.2	3.25	2.23	2.46	3.23	2.53	11.2	15.3	5.99	4.64	MEAN
MAX	8.38	23.0	16.5	8.24	4.74	4.85	5.06	5.40	17.8	19.4	15.5	5.31	MAX
MIN	2.77	7.29	6.99	0.687	1.23	1.23	1.44	0.313	1.60	11.8	3.53	1.70	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.31
MAXIMUM DAILY, 23.0E ON FEB 24
MINIMUM DAILY, 0.313 ON AUG 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 34 43 N
LONG 76 19 13 W
DRAINAGE AREA, 394 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 490	JUL	8 660
FEB	28 100	AUG	6 790
MAR	27 200	SEP	29 000
APR	8 420	OCT	41 000
MAY	5 990	NOV	15 500
JUN	6 380	DEC	12 400

TOTAL DISCHARGE, 199 000 dam³

CATFISH CREEK NEAR SPARTA - STATION NO. 02GC018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.460B	0.380B	9.24	3.87	5.53	0.350	0.331	0.263	1.78	41.3	3.79	3.12	1
2	0.440B	0.450B	6.38	3.07	3.83	0.329	0.304	0.243	46.6	19.8	3.30	7.56	2
3	0.435B	0.460B	4.60	2.37	2.85	0.548	0.255	0.233	11.5	7.49	2.79	6.02	3
4	0.425B	0.440B	3.57	1.77	2.27	0.804	0.238	0.285	37.4	5.03	2.49	4.49	4
5	0.415B	0.405B	3.16	1.40	1.76	0.500	0.840	0.910	11.4	3.91	2.22	3.65	5
6	0.410B	0.385B	2.89	1.15	1.56	0.384	2.78	0.442	6.84	3.31	2.71	3.13	6
7	0.405B	0.370B	2.60	0.936	1.22	0.318	0.766	0.313	5.24	3.47	4.78	2.83	7
8	0.400B	0.370B	2.27	0.839	1.22	0.314	0.398	0.520	3.44	3.71	3.58	2.43	8
9	0.395B	0.370B	2.19	0.834	1.49	0.315	0.308	0.599	2.36	2.96	2.76	1.95 B	9
10	0.385B	0.386B	2.44	0.797	1.56	0.305	0.409	0.409	1.54	2.30	2.26	1.60 B	10
11	0.380B	0.700B	2.66	0.819	2.10	0.273	0.306	2.16	1.13	1.91	2.01	1.30 B	11
12	0.372B	1.50 B	2.42	0.932	2.47	0.266	0.235	4.87	0.890	1.49	1.71	1.05 B	12
13	0.370B	3.00 B	2.48	1.17	1.99	0.278	0.197	1.63	0.745	1.32	1.47	0.967	13
14	0.365B	4.40 B	2.15	9.83	1.64	0.354	0.179	3.23	0.637	1.15	1.40	0.954	14
15	0.362B	4.00 B	1.88	8.49	1.63	0.368	0.156	2.38	0.530	1.06	1.34	0.929	15
16	0.358B	3.70 B	1.80	4.72	1.70	0.347	0.138	2.64	0.500	1.06	1.27	0.915	16
17	0.356B	9.00 B	1.55	3.95	1.41	0.291	0.167	1.15	1.20	1.00	1.26	0.850	17
18	0.355B	20.0 B	1.34	10.5	1.14	0.252	0.204	0.650	2.26	11.6	1.18	0.740B	18
19	0.350B	33.3 E	1.27	6.51	1.02	0.242	0.203	0.476	1.63	11.2	1.16	0.690B	19
20	0.345B	30.0 E	1.15	4.37	0.885	0.239	0.292	0.384	1.49	6.36	5.51	0.660B	20
21	0.340B	29.0 E	1.03	3.10	0.809	0.253	0.334	0.325	1.33	5.86	10.3	0.660B	21
22	0.335B	37.5 E	1.01	2.46	0.760	3.54	0.240	0.295	9.50	13.7	6.31	0.760B	22
23	0.335B	56.0 E	1.03	13.2	0.664	3.81	0.211	0.266	6.08	33.9	4.26	3.00 B	23
24	0.335B	27.5 E	1.13	13.9	0.623	1.77	0.196	0.255	3.62	12.0	3.26	3.50 B	24
25	0.335B	10.6 A	1.39	8.90	0.580	1.26	0.198	0.244	2.53	7.01	2.73	3.05 B	25
26	0.345B	8.16	1.59	5.44	0.573	0.983	0.203	0.218	2.08	5.64	2.63	2.30 B	26
27	0.370B	6.39	3.02	4.10	0.569	0.639	0.213	0.209	1.75	14.5	3.22	1.80 B	27
28	0.400B	9.51	3.23	14.9	0.568	0.457	0.734	0.224	1.37	18.3	3.58	1.50 B	28
29	0.390B		2.98	19.4	0.503	0.376	0.716	0.235	1.10	8.50	3.04	1.35 B	29
30	0.360B		3.52	8.92	0.452	0.330	0.389	4.35	1.03	5.73	2.62	1.30 B	30
31	0.350B		4.72		0.412		0.312	4.53		4.52		1.22 B	31
TOTAL	11.678	298.276	82.69	162.647	45.788	20.495	12.452	34.938	169.502	261.09	90.94	66.275	TOTAL
MEAN	0.377	10.7	2.67	5.42	1.48	0.683	0.402	1.13	5.65	8.42	3.03	2.14	MEAN
MAX	0.460	56.0	9.24	19.4	5.53	3.81	2.78	4.87	46.6	41.3	10.3	7.56	MAX
MIN	0.335	0.370	1.01	0.797	0.412	0.239	0.138	0.209	0.500	1.00	1.16	0.660	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.44
MAXIMUM DAILY, 56.0E ON FEB 23
MINIMUM DAILY, 0.138 ON JUL 16

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 44 46 N
LONG 81 03 29 W
DRAINAGE AREA, 287 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 010	JUL	1 080
FEB	25 800	AUG	3 020
MAR	7 140	SEP	14 600
APR	14 100	OCT	22 600
MAY	3 960	NOV	7 860
JUN	1 770	DEC	5 730

TOTAL DISCHARGE, 109 000 dam³

CEDAR CREEK AT WOODSTOCK - STATION NO. 02GD011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.242B	0.230B	2.27	1.28	1.31	0.210	0.292	0.148	3.51	0.867	1.05	0.731	1
2	0.235B	0.300B	1.82	1.08	1.04	0.184	0.219	0.156	4.20	1.22	0.911	1.09	2
3	0.228B	0.295B	1.42	0.885	0.813	0.255	0.202	0.253	4.28	1.13	0.789	1.12	3
4	0.221B	0.285B	0.935	0.750	0.695	0.270	0.248	0.275	6.30	0.907	1.27	0.956	4
5	0.215B	0.275B	0.979	0.625	0.634	0.260	0.209	0.272	6.53	0.704	1.53	0.833	5
6	0.208B	0.268B	0.915	0.557	0.557	0.193	0.180	0.201	4.30	1.04	0.672	0.737	6
7	0.203B	0.260B	0.850	0.436	0.481	0.158	0.119	0.194	2.72	1.88	0.894	0.659	7
8	0.198B	0.250B	0.769	0.483	0.428	0.169	0.120	0.259	1.86	1.57	0.624	0.654	8
9	0.195B	0.247B	0.767	0.122	0.410	0.217	0.117	0.213	1.36	1.12	0.527	0.532	9
10	0.185B	0.240B	0.793	0.001	0.397	0.219	0.076	0.216	1.11	0.794	0.568	0.482	10
11	0.183B	0.350B	0.827	0.238	0.625	0.192	0.112	0.510	0.894	0.515	0.486	0.432	11
12	0.180B	0.700B	0.750	0.260	0.646	0.172	0.121	0.850	0.809	0.466	0.397	0.364	12
13	0.179B	0.620B	0.838	0.235	0.552	0.219	0.070	0.652	0.644	0.405	0.365	0.332	13
14	0.177B	0.560B	0.620	1.13	0.455	0.273	0.052	0.438	0.581	0.394	0.348	0.346	14
15	0.175B	0.525B	0.653	1.46	0.517	0.239	0.073	0.512	0.464	0.376	0.350	0.347	15
16	0.172B	0.510B	0.615	1.18	0.535	0.250	0.060	0.460	0.368	0.380	0.391	0.346	16
17	0.170B	3.50 B	0.590	1.29	0.466	0.240	0.051	0.797	0.348	0.409	0.409	0.338	17
18	0.169B	10.5	0.488	1.46	0.391	0.219	0.161	0.277	0.493	1.12	0.385	0.265	18
19	0.167B	13.9	0.455	1.29	0.327	0.198	0.159	0.228	0.496	1.65	0.365	0.255	19
20	0.165B	11.3	0.427	0.989	0.314	0.202	0.229	0.087	0.418	1.43	1.09	0.236	20
21	0.164B	9.15	0.449	0.778	0.302	0.504	0.137	0	0.469	1.07	1.86	0.210	21
22	0.163B	6.54	0.474	0.643	0.259	1.59	0.116	0.100	1.29	1.48	1.45	0.227	22
23	0.162B	8.29	0.486	1.31	0.260	1.82	0.099	0.175	1.73	3.37	0.992	0.282	23
24	0.161B	9.54	0.517	2.13	0.251	1.21	0.095	0.134	1.12	3.35	0.810	0.314	24
25	0.160B	4.85	0.530	2.12	0.242	0.693	0.101	0.112	0.918	2.11	1.03	0.271	25
26	0.200B	2.88	0.581	1.56	0.254	0.452	0.130	0.143	0.843	1.26	0.687	0.281	26
27	0.240B	2.18	0.728	1.16	0.243	0.353	0.106	0.167	0.630	1.07	0.943	0.273	27
28	0.225B	2.21	0.738	1.35	0.273	0.284	0.443	0.196	0.495	1.97	1.01	0.272	28
29	0.210B		0.740	1.80	0.254	0.225	0.323	0.209	0.430	1.92	0.886	0.261	29
30	0.195B		1.28	1.63	0.244	0.210	0.218	1.66	0.372	1.54	0.721	0.247	30
31	0.180B		1.54		0.248		0.173	6.09		1.23		0.256	31
TOTAL	5.927	90.755	25.844	30.232	14.423	11.680	4.811	15.984	49.982	38.747	23.810	13.949	TOTAL
MEAN	0.191	3.24	0.834	1.01	0.465	0.389	0.155	0.516	1.67	1.25	0.794	0.450	MEAN
MAX	0.242	13.9	2.27	2.13	1.31	1.82	0.443	6.09	6.53	3.37	1.86	1.12	MAX
MIN	0.160	0.230	0.427	0.001	0.242	0.158	0.051	0	0.348	0.376	0.348	0.210	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.894
MAXIMUM DAILY, 13.9 ON FEB 19
MINIMUM DAILY, 0 ON AUG 21
MAXIMUM INSTANTANEOUS,
14.7 AT 03:52 EST ON FEB 19

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 07 39 N
LONG 80 46 06 W
DRAINAGE AREA, 93.2 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	512	JUL	416
FEB	7 840	AUG	1 380
MAR	2 230	SEP	4 320
APR	2 610	OCT	3 350
MAY	1 250	NOV	2 060
JUN	1 010	DEC	1 210

TOTAL DISCHARGE, 28 200 dam³

CEDAR RIVER BELOW WABASKANG LAKE - STATION NO. 05QE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.04	4.24B	4.19B	4.44	4.41	3.75	6.00	5.60	5.49	5.36	5.11	5.15	1
2	5.02	4.23B	4.21B	4.50	4.37	3.69	6.09	5.57	5.15	5.28	5.25	5.18	2
3	4.93	4.21B	4.21B	4.57	4.33	3.68	6.38	5.46	5.23	5.30	5.17	5.20	3
4	4.98	4.20B	4.23B	4.51	4.35	3.65	6.24	5.45	5.15	5.20	5.05	5.17	4
5	5.06	4.20B	4.21B	4.44	4.35	3.71	6.40	5.42	5.09	5.38	5.19	5.10	5
6	5.10	4.19B	4.20B	4.37	4.33	3.91	6.09	5.72	5.14	5.28	5.27	5.17	6
7	5.11	4.17B	4.23B	4.34	4.35	4.11	6.24	6.01	5.71	5.17	5.16	5.15	7
8	4.99	4.16B	4.21B	4.29	4.34	3.82	6.09	6.10	6.02	5.14	5.15	5.08	8
9	5.01	4.15B	4.21B	4.27	4.43	3.77	5.95	6.17	6.01	5.17	5.10	4.96	9
10	4.82	4.16B	4.23B	4.29	4.33	3.92	5.88	6.31	6.20	5.32	5.29	5.08	10
11	4.85	4.15B	4.21B	4.24	4.20	3.97	5.89	6.41	5.92	5.30	5.14	5.04	11
12	4.89	4.16B	4.23B	4.21	4.20	3.97	5.87	6.32	5.85	5.26	5.18	5.08	12
13	4.92	4.17B	4.21B	4.23	4.20	3.98	5.85	6.16	5.82	5.45	5.08	5.20	13
14	4.78	4.17B	4.20B	4.22	4.15	4.16	5.80	6.11	5.77	5.33	5.10	5.13	14
15	4.79	4.17B	4.19B	4.21	4.09	4.38	5.83	6.15	5.87	5.40	5.06	5.12	15
16	4.72	4.16B	4.17B	4.23	3.94	4.66	5.78	5.90	6.02	5.54	5.35	5.19	16
17	4.70	4.16B	4.15B	4.27	3.82	4.87	6.08	5.90	5.68	5.61	5.37	5.14	17
18	4.62	4.17B	4.11B	4.28	3.79	5.10	6.16	5.93	5.68	5.64	5.38	5.07	18
19	4.55	4.17B	4.07B	4.26	3.82	5.18	6.07	5.76	5.49	5.45	5.40	5.08	19
20	4.43	4.17B	4.06B	4.23	3.82	5.15	5.97	5.78	5.46	5.55	5.45	5.16	20
21	4.46	4.19B	4.02B	4.19	3.84	5.11	5.92	5.64	5.41	5.46	5.23	5.17	21
22	4.46	4.19B	4.01B	4.18	3.75	5.12	5.82	5.60	5.32	5.44	5.31	5.21	22
23	4.41B	4.19B	3.99B	4.26	3.52	5.11	5.75	5.63	5.33	5.41	5.21	5.15	23
24	4.36B	4.19B	3.97	4.30	3.54	5.14	5.92	5.64	5.34	5.29	5.16	5.14	24
25	4.34B	4.19B	3.97	4.31	3.63	5.18	5.84	5.56	5.03	5.27	5.05	5.13	25
26	4.33B	4.19B	4.00	4.31	3.74	5.27	5.77	5.57	5.19	5.12	5.19	5.11	26
27	4.32B	4.19B	4.11	4.32	3.88	5.46	5.78	5.47	5.43	5.15	5.30	5.15	27
28	4.30B	4.19B	4.14	4.38	3.85	5.80	5.60	5.42	5.47	5.00	5.17	5.20	28
29	4.29B		4.24	4.43	3.79	6.17	5.57	5.35	5.34	5.09	5.31	5.20	29
30	4.28B		4.25	4.44	3.93	6.08	5.69	5.29	5.28	5.16	5.24	5.04	30
31	4.27B		4.31		3.75		5.69	5.27		5.17		5.01	31
TOTAL	145.13	117.08	128.74	129.52	124.84	137.87	184.01	178.67	165.89	164.69	156.42	158.96	TOTAL
MEAN	4.68	4.18	4.15	4.32	4.03	4.60	5.94	5.76	5.53	5.31	5.21	5.13	MEAN
MAX	5.11	4.24	4.31	4.57	4.43	6.17	6.40	6.41	6.20	5.64	5.45	5.21	MAX
MIN	4.27	4.15	3.97	4.18	3.52	3.65	5.57	5.27	5.03	5.00	5.05	4.96	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.91
MAXIMUM DAILY, 6.41 ON AUG 11
MINIMUM DAILY, 3.52 ON MAY 23
MAXIMUM INSTANTANEOUS,
6.56 AT 14:33 CST ON JUL 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 30 30 N
LONG 93 15 30 W
DRAINAGE AREA, 1 690 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 500	JUL	15 900
FEB	10 100	AUG	15 400
MAR	11 100	SEP	14 300
APR	11 200	OCT	14 200
MAY	10 800	NOV	13 500
JUN	11 900	DEC	13 700

TOTAL DISCHARGE, 155 000 dam³

CHIPPEWA CREEK AT NORTH BAY - STATION NO. 02DD014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.147B	0.150B	0.720B	3.69	0.782	0.448	0.336	0.094	0.812	0.607	0.466	0.394	1
2	0.146B	0.150B	0.650B	3.67	0.650	0.355	0.291	0.097	0.886	0.771	0.439	0.589	2
3	0.144B	0.150B	0.580B	3.26	0.562	0.340	0.258	0.452	0.584	0.624	0.412	0.702	3
4	0.142B	0.145B	0.500B	7.80	0.528	0.683	0.336	0.440	1.88	0.506	0.431	0.605	4
5	0.140B	0.144B	0.450B	5.50	0.658	0.382	0.303	0.339	2.24	0.446	0.427	0.494	5
6	0.139B	0.143B	0.400B	3.15	0.819	0.388	0.232	0.227	1.30	1.39	0.618	0.410B	6
7	0.137B	0.142B	0.380B	2.15	0.643	0.375	0.220	0.193	0.848	3.98	0.531	0.370B	7
8	0.136B	0.141B	0.380B	2.23	0.673	0.521	0.198	0.196	0.714	2.42	0.491	0.340B	8
9	0.135B	0.140B	0.380B	4.31	0.523	0.622	0.183	0.179	0.582	1.46	0.450B	0.310B	9
10	0.134B	0.145B	0.375B	2.61	0.501	0.530	0.149	0.173	3.15	0.996	0.420B	0.290B	10
11	0.133B	0.170B	0.360B	2.55	1.48	0.441	0.129	0.144	1.49	0.795	0.400B	0.280B	11
12	0.132B	0.205B	0.350B	1.64	2.36	0.401	0.136	0.118	1.68	0.660	0.400B	0.265B	12
13	0.131B	0.235B	0.340B	1.16	1.53	0.375	0.180	0.104	1.04	0.591	0.382	0.255B	13
14	0.130B	0.250B	0.345B	3.51	1.10	0.368	0.145	0.112	0.892	0.518	0.414	0.250B	14
15	0.130B	0.250B	0.350B	2.47	1.03	1.18	0.125	0.110	0.675	0.876	0.418	0.240B	15
16	0.129B	0.250B	0.330B	1.60	1.37	1.85	0.126	0.102	0.535	1.25	0.415	0.235B	16
17	0.129B	0.300B	0.320B	1.26	0.897	1.02	0.116	0.091	0.456	0.903	1.00	0.235B	17
18	0.128B	0.500B	0.310B	1.07	0.722	0.642	0.108	0.083	0.381	5.79	1.20	0.230B	18
19	0.127B	0.822B	0.305B	0.918	0.587	0.528	0.105	0.077	0.891	3.79	0.842	0.230B	19
20	0.127B	1.09 B	0.300B	0.854	0.501	0.354	0.122	0.083	1.19	2.31	0.713	0.225B	20
21	0.127B	2.80 B	0.305B	0.720	0.449	0.302	0.135	0.077	0.751	1.70	0.600B	0.226B	21
22	0.126B	4.00 B	0.330B	0.621	0.392	0.455	0.096	0.074	0.629	1.25	0.500B	0.235B	22
23	0.126B	5.00 B	0.623B	0.758	0.363	0.459	0.102	0.189	0.534	1.07	0.450B	0.235B	23
24	0.140B	2.50 B	0.782	0.931	0.343	0.497	0.102	0.141	0.434	0.946	0.400B	0.230B	24
25	0.180B	1.80 B	0.855	0.947	0.483	0.958	0.100	0.097	0.375	0.851	0.360B	0.230B	25
26	0.190B	1.40 B	0.913	0.854	0.477	0.685	0.115	0.089	0.388	0.731	0.330B	0.225B	26
27	0.194B	1.10 B	0.983	0.720	0.445	0.457	0.102	0.094	0.945	0.684	0.571	0.225B	27
28	0.180B	0.900B	0.999	0.665	0.388	0.349	0.115	0.083	0.739	0.642	0.579	0.220B	28
29	0.170B		1.66	1.46	0.335	0.511	0.116	0.275	0.566	0.564	0.459	0.220B	29
30	0.155B		4.23	1.05	0.730	0.469	0.104	1.89	0.481	0.529	0.420B	0.220B	30
31	0.150B		4.70		0.527		0.098	1.01		0.497		0.220B	31
TOTAL	4.434	25.022	24.505	64.128	22.848	16.945	4.983	7.433	28.068	40.147	15.538	9.435	TOTAL
MEAN	0.143	0.894	0.790	2.14	0.737	0.565	0.161	0.240	0.936	1.30	0.518	0.304	MEAN
MAX	0.194	5.00	4.70	7.80	2.36	1.85	0.336	1.89	3.15	5.79	1.20	0.702	MAX
MIN	0.126	0.140	0.300	0.621	0.335	0.302	0.096	0.074	0.375	0.446	0.330	0.220	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.722
MAXIMUM DAILY, 7.80 ON APR 4
MINIMUM DAILY, 0.074 ON AUG 22
MAXIMUM INSTANTANEOUS,
11.5 AT 10:49 EST ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 18 38 N
LONG 79 27 00 W
DRAINAGE AREA, 37.3 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	383	JUL	431
FEB	2 160	AUG	642
MAR	2 120	SEP	2 430
APR	5 540	OCT	3 470
MAY	1 970	NOV	1 340
JUN	1 460	DEC	815

TOTAL DISCHARGE, 22 800 dam³

CHUKUNI RIVER NEAR EAR FALLS - STATION NO. 05QC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.4B	11.4B	11.3B	13.1	10.9	6.64	36.1	2.46	6.29	13.1	21.9	29.0	1
2	12.3B	11.3B	11.3B	11.4	10.9	6.26	35.1	2.27	6.90	12.8	21.6	29.0	2
3	12.3B	11.3B	11.3B	11.0	10.8	5.90	35.3	2.28	7.11	11.8	21.7	28.9	3
4	12.2B	11.3B	11.3B	10.7	10.8	5.48	35.7	2.33	7.13	11.6	21.8	28.7	4
5	12.1B	11.3B	11.3B	10.4	10.9	5.26	34.5	2.59	6.35	12.8	21.0	28.3	5
6	12.1B	11.3B	11.3B	10.5	11.1	5.28	33.9	3.84	7.48	13.8	20.9	27.9	6
7	12.0B	11.3B	11.3B	10.6	9.04	4.94	32.9	4.79	17.2	13.6	20.7	26.4	7
8	11.9B	11.3B	11.3B	10.5	6.42	4.93	32.6	5.81	21.7	12.9	21.3	18.4	8
9	11.9B	11.3B	11.3B	10.6	5.11	4.97	33.4	6.13	20.6	11.5	20.9	15.7	9
10	11.8B	11.3B	11.3B	10.7	4.51	5.01	33.0	5.76	19.6	11.7	20.4	15.2 B	10
11	11.7B	11.3B	11.3B	10.9	4.27	4.93	31.9	5.21	18.5	12.7	19.9	14.2 B	11
12	11.7B	11.3B	11.3B	10.6	3.95	4.63	31.3	5.26	17.6	12.3	19.3	13.4 B	12
13	11.6B	11.3B	11.3B	10.8	3.90	4.42	31.6	4.93	15.8	13.1	19.4	12.3 B	13
14	11.6B	11.3B	11.4B	10.2	3.81	4.74	29.7	4.75	15.0	14.1	19.6	11.2 B	14
15	11.6B	11.3B	11.4B	10.2	3.81	7.25	29.8	4.54	13.8	14.9	19.4	10.5 B	15
16	11.6B	11.3B	11.4B	10.1	3.71	10.7	29.4	3.98	12.9	16.9	19.9	10.3 B	16
17	11.5B	11.3B	11.4B	10.0	3.66	11.7	29.8	3.67	12.1	25.4	20.3	10.0 B	17
18	11.5B	11.3B	11.4B	9.57	3.66	11.9	30.1	3.61	11.2	29.7	20.1	10.0 B	18
19	11.5B	11.3B	11.4B	9.40	3.78	12.3	29.7	3.80	10.9	29.2	19.6	9.93B	19
20	11.5B	11.3B	11.4B	8.97	3.98	11.8	29.5	3.56	10.3	28.2	19.4	9.95B	20
21	11.4B	11.3B	11.5B	8.97	3.96	11.3	28.5	3.45	9.18	27.6	18.9	10.1 B	21
22	11.4B	11.3B	11.6B	9.22	4.04	12.1	28.0	3.14	8.10	27.0	18.4	10.0 B	22
23	11.4B	11.3B	11.7B	9.49	4.48	27.1	27.4	3.39	7.41	27.7	18.2	9.97B	23
24	11.4B	11.3B	11.8B	9.51	5.26	31.5	27.5	3.26	7.25	26.6	20.0	9.97B	24
25	11.4B	11.3B	11.9B	9.71	6.73	32.4	27.7	3.33	7.72	25.8	27.1	9.94B	25
26	11.4B	11.3B	12.1B	9.81	7.52	33.7	24.4	3.46	7.99	25.6	28.7	9.89B	26
27	11.4B	11.3B	12.3B	10.2	7.95	33.7	12.8	3.74	11.9	25.2	29.7	9.99B	27
28	11.4B	11.3B	12.6B	10.8	7.68	35.5	6.86	3.65	14.5	24.7	29.5	9.94B	28
29	11.4B		13.0B	10.8	7.13	37.3	3.96	3.62	14.0	23.8	29.0	10.1 B	29
30	11.3B		13.1	10.9	7.16	37.4	2.90	3.59	13.5	22.7	29.1	10.0 B	30
31	11.3B		13.3		6.97		2.62	4.03		22.2		10.1 B	31
TOTAL	362.0	316.5	361.6	309.65	197.89	431.04	837.94	120.23	360.01	601.0	657.7	469.28	TOTAL
MEAN	11.7	11.3	11.7	10.3	6.38	14.4	27.0	3.88	12.0	19.4	21.9	15.1	MEAN
MAX	12.4	11.4	13.3	13.1	11.1	37.4	36.1	6.13	21.7	29.7	29.7	29.0	MAX
MIN	11.3	11.3	11.3	8.97	3.66	4.42	2.62	2.27	6.29	11.5	18.2	9.89	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.8
MAXIMUM DAILY, 37.4 ON JUN 30
MINIMUM DAILY, 2.27 ON AUG 2
MAXIMUM INSTANTANEOUS,
37.9 AT 13:30 CST ON JUN 30

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 52 20 N
LONG 93 29 00 W
DRAINAGE AREA, 4 920 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	31 300	JUL	72 400
FEB	27 300	AUG	10 400
MAR	31 200	SEP	31 100
APR	26 800	OCT	51 900
MAY	17 100	NOV	56 800
JUN	37 200	DEC	40 500

TOTAL DISCHARGE, 434 000 dam³

CLAY LAKE NEAR QUIBELL - STATION NO. 05QD020

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.905A	10.904	10.811	10.825	10.711	10.478	11.413	11.105	10.773	10.664	10.750	10.812	1
2	10.907A	10.900	10.807	10.828	10.702	10.472	11.519	11.080	10.749	10.662	10.767	10.810	2
3	10.906E	10.901	10.807	10.830	10.704	10.470	11.624	11.064	10.751	10.665	10.778	10.803	3
4	10.906E	10.897	10.807	10.831	10.695	10.461	11.692	11.044	10.728	10.682	10.794	10.805	4
5	10.906E	10.895	10.804	10.833	10.689	10.468	11.747	11.024	10.708	10.702	10.815	10.800	5
6	10.906E	10.885	10.803	10.828	10.679	10.459	11.779	11.016	10.726	10.720	10.815	10.798	6
7	10.905E	10.877	10.800	10.826	10.668	10.449	11.791	11.010	10.779	10.729	10.825	10.794	7
8	10.905E	10.870	10.798	10.817	10.659	10.464	11.787	10.999	10.790	10.730	10.846	10.791	8
9	10.905E	10.862	10.798	10.803	10.651	10.472	11.770	10.992	10.806	10.741	10.836	10.787	9
10	10.905E	10.856A	10.794	10.796	10.644	10.471	11.731	10.976	10.817	10.754	10.842	10.784	10
11	10.904E	10.853E	10.792	10.783	10.635	10.472	11.693	10.967	10.832	10.758	10.838	10.785	11
12	10.904E	10.850E	10.791	10.771	10.624	10.471	11.660	10.957	10.827	10.761	10.832	10.789	12
13	10.904E	10.847E	10.787	10.764	10.611	10.469	11.619	10.944	10.826	10.772	10.832	10.788	13
14	10.904A	10.844E	10.785	10.749	10.604	10.474	11.572	10.940	10.823	10.773	10.832	10.786	14
15	10.903E	10.840E	10.784	10.738	10.588	10.517	11.528	10.918	10.806	10.772	10.827	10.785	15
16	10.902E	10.837E	10.779	10.727	10.566	10.564	11.495	10.901	10.797	10.769	10.835	10.782	16
17	10.902E	10.834E	10.778	10.715	10.556	10.597	11.487	10.889	10.786	10.775	10.835	10.782	17
18	10.901E	10.831A	10.776	10.702	10.548	10.663	11.454	10.900	10.772	10.775	10.830	10.781	18
19	10.900E	10.831	10.776	10.695	10.536	10.681	11.425	10.891	10.757	10.763	10.829	10.775	19
20	10.899A	10.827	10.775	10.683	10.525	10.717	11.385	10.879	10.735	10.762	10.823	10.771	20
21	10.896	10.824	10.774	10.668	10.508	10.742	11.356	10.869	10.719	10.757	10.819	10.780	21
22	10.897	10.824	10.773	10.676	10.497	10.761	11.322	10.859	10.700	10.756	10.816	10.775	22
23	10.895	10.820	10.771	10.676	10.487	10.763	11.298	10.854	10.684	10.747	10.811	10.778	23
24	10.897	10.818	10.767	10.673	10.475	10.782	11.284	10.840	10.676	10.742	10.810	10.777	24
25	10.897	10.817	10.762	10.680	10.480	10.801	11.265	10.832	10.663	10.745	10.805	10.777	25
26	10.897	10.813	10.761	10.693	10.483	10.823	11.237	10.826	10.662	10.729	10.812	10.772	26
27	10.897	10.813	10.764	10.703	10.487	10.867	11.207	10.813	10.687	10.734	10.819	10.769	27
28	10.899	10.815	10.778	10.713	10.488	10.990	11.183	10.800	10.661	10.722	10.817	10.764	28
29	10.895		10.788	10.714	10.497	11.132	11.151	10.791	10.652	10.722	10.813	10.760	29
30	10.893		10.801	10.714	10.496	11.280	11.126	10.780	10.647	10.722	10.810	10.759	30
31	10.900		10.811		10.489		11.129	10.774		10.739		10.759	31
MEAN	10.901	10.849	10.787	10.748	10.580	10.641	11.475	10.920	10.745	10.737	10.817	10.783	MEAN
MAX	10.907	10.904	10.811	10.833	10.711	11.280	11.791	11.105	10.832	10.775	10.846	10.812	MAX
MIN	10.893	10.813	10.761	10.668	10.475	10.449	11.126	10.774	10.647	10.662	10.750	10.759	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 10.833
MAXIMUM DAILY, 11.791 ON JUL 7
MINIMUM DAILY, 10.449 ON JUN 7
MAXIMUM INSTANTANEOUS,
11.798 AT 16:28 CST ON JUL 8

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 03 21 N
LONG 93 28 33 W

A - MANUAL GAUGE

E - ESTIMATED

CLYDE RIVER AT GORDON RAPIDS - STATION NO. 02KF013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.22	1.14	24.5	4.92	3.13	2.60	2.33	0.670E	0.361E	2.71	11.6	4.18	1
2	2.17	1.22	19.0	5.14	3.02	2.49	2.36	0.620E	0.360E	2.62	10.9	4.17	2
3	2.15	1.23	15.5	5.04	2.87	2.37	2.28	0.580E	0.362A	2.50	9.86	4.25	3
4	2.07	1.20	14.6	5.24	2.65	2.35	2.19	0.550E	0.423	2.36	8.99	4.28	4
5	1.96	1.14	13.4	5.48	2.56	2.56	2.25	0.600E	0.745	2.29	8.29	4.16	5
6	1.87	1.12	12.3	5.05	2.41	2.83	2.37	0.628E	1.66	2.27	8.13	4.00	6
7	1.96	1.10	11.3	5.19	2.27	2.96	2.40	0.610E	2.57	2.41	8.25	3.86	7
8	2.00	1.04	10.2	5.13	2.17	2.88	2.33	0.568E	3.20	2.48	7.86	3.80	8
9	1.90	1.05	9.60	5.59	2.06	2.79	2.19	0.568E	3.51	2.48	7.18	3.74	9
10	1.85	1.02	9.06	5.82	2.04	2.69	2.11	0.620E	7.96	2.41	6.47	3.66	10
11	1.83	1.64	8.80	5.15	2.07	2.53	2.10	0.745E	16.8	2.36	5.90	3.56	11
12	1.73	2.18	8.40	4.70	1.68	2.42	2.09	0.767E	14.9	2.22	5.52	3.52	12
13	1.71	2.44	7.79	4.48	2.02	2.35	2.04	0.690E	13.5	2.17	5.31	3.46	13
14	1.67	2.79	7.13	4.39	2.42	2.20	1.84	0.642E	12.1	2.12	5.09	3.43	14
15	1.55	2.99	6.59	4.16	2.73	2.16	1.63	0.700E	9.99	2.08	4.90	3.40	15
16	1.51	3.07	5.66	4.09	2.92	2.13	1.48 A	0.840E	8.49	2.10	4.80	3.40	16
17	1.54	3.20	4.61	3.88	3.01	2.43	1.20 E	0.960E	7.26	2.05	4.66	3.30	17
18	1.45	3.57	4.87	3.84	2.97	2.67	1.10 E	0.840E	6.30	2.13	4.55	3.21	18
19	1.44	4.22	5.05	3.72	2.90	2.69	1.03 E	0.770E	5.64	2.33	4.47	3.09	19
20	1.41	6.47	4.99	3.66	2.75	2.57	1.00 E	0.692E	5.10	2.43	4.39	2.98	20
21	1.39	12.8	4.74	3.48	2.60	2.54	1.02 E	0.632E	4.64	2.48	4.48	2.91	21
22	1.35	17.1	4.58	3.38	2.51	2.57	1.03 E	0.586E	4.33	3.10	4.48	2.92	22
23	1.32	23.1	4.51	3.28	2.32	2.94	1.03 E	0.530E	4.09	4.07	4.42	3.11	23
24	1.35	38.6	4.43	3.27	2.15	3.42	0.910E	0.492E	3.81	4.37	4.35	3.07	24
25	1.34	41.5	4.32	3.22	2.06	3.20	0.838E	0.495E	3.51	4.53	4.39	3.06	25
26	1.27	40.4	4.06	3.12	2.07	3.07	0.789E	0.480E	3.20	4.72	4.33	2.99	26
27	1.31	35.1	3.88	3.01	2.10	2.96	0.761E	0.460E	3.28	5.73	4.36	2.91	27
28	1.32	29.2	4.10	2.98	2.27	2.76	0.778E	0.427E	3.24	10.3	4.49	2.81	28
29	1.30		4.32	3.06	2.39	2.54	0.780E	0.356E	3.08	13.0	4.47	2.75	29
30	1.25		4.56	3.13	2.58	2.32	0.782E	0.280E	2.88	13.2	4.28	2.71	30
31	1.19		4.76		2.63		0.760E	0.340E		12.5		2.64	31
TOTAL	50.38	281.63	251.61	126.60	76.33	78.79	47.798	18.738	157.291	124.52	181.17	105.33	TOTAL
MEAN	1.63	10.1	8.12	4.22	2.46	2.63	1.54	0.604	5.24	4.02	6.04	3.40	MEAN
MAX	2.22	41.5	24.5	5.82	3.13	3.22	2.40	0.960	16.8	13.2	11.6	4.28	MAX
MIN	1.19	1.02	3.88	2.98	1.68	2.13	0.760	0.280	0.360	2.05	4.28	2.64	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.11
MAXIMUM DAILY, 41.5 ON FEB 25
MINIMUM DAILY, 0.280E ON AUG 30
MAXIMUM INSTANTANEOUS,
41.7 AT 04:54 EST ON FEB 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 08 04 N
LONG 76 37 52 W
DRAINAGE AREA, 280 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 350	JUL	4 130
FEB	24 300	AUG	1 620
MAR	21 700	SEP	13 600
APR	10 900	OCT	10 800
MAY	6 590	NOV	15 700
JUN	6 810	DEC	9 100

TOTAL DISCHARGE, 130 000 dam³

CLYDE RIVER NEAR LANARK - STATION NO. 02KF010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.66B	2.34B	55.0	11.7	7.01	6.62	5.85	1.36	1.49	6.52	24.1	9.26B	1
2	3.57B	2.40B	45.4	12.0	6.66	5.83	5.63	1.27	1.47	6.25	21.8	9.03	2
3	3.47B	2.35B	36.1	11.7	6.37	5.32	5.47	1.19	1.60	6.17	20.1	9.21	3
4	3.36B	2.31B	31.4	11.8	5.88	5.84	4.88	1.16	1.67	5.97	18.7	9.27	4
5	3.27B	2.28B	29.0	12.8	5.59	6.40	4.66	1.31	3.46	5.69	17.5	9.03	5
6	3.23B	2.23B	25.0	12.7	5.38	6.61	5.17	1.35	5.75	5.83	16.6	8.03	6
7	3.34B	2.21B	23.3	11.9	5.07	6.96	5.04	1.27	6.57	6.59	16.9	8.10	7
8	3.40B	2.19B	21.4	11.4	4.82	6.58	4.64	1.17	8.80	6.98	16.7	9.33	8
9	3.31B	2.16B	20.1	11.4	4.54	6.40	4.38	1.19	12.6	6.78	16.0	7.92	9
10	3.20B	2.13B	18.9	12.0	4.41	5 90	4.40	1.44	22.1	6.59	14.7	7.66	10
11	3.11B	3.15B	18.0	11.7	5.46	5.44	4.00	1.61	40.9	6.16	13.6	7.56	11
12	2.99B	4.70B	17.1	10.7	7.75	5.04	3.71	1.66	46.0	5.73	12.5	7.31	12
13	2.91B	5.50B	16.1	9.79	7.80	4.78	3.52	1.53	39.8	5.56	11.8	7.12	13
14	2.89B	5.95B	14.6	9.29	7.60	4.41	3.29	1.37	32.6	5.40	11.3	7.04	14
15	2.82B	6.37B	13.8	9.00	7.30	4.17	3.00	1.58	26.7	5.20	10.9	7.01	15
16	2.74B	6.60B	13.2	8.56	7.29	4.07	2.74	2.26	21.7	5.12	10.6	6.95	16
17	2.69B	6.97B	11.5	8.30	7.19	5.63	2.53	2.21	18.3	4.88	10.6	6.69	17
18	2.68B	7.75B	11.4	8.39	6.81	6.05	2.26	1.90	16.1	5.08	10.8	6.57B	18
19	2.63B	9.60B	11.0	8.22	6.47	5.78	2.18	1.64	14.1	5.78	10.2	6.06B	19
20	2.63B	15.0 B	10.5	7.89	6.11	5.27	2.31	1.48	12.6 A	5.71	10.1	5.94B	20
21	2.58B	28.3 B	10.1	7.51	5.63	4.75	2.36	1.31	11.4	5.69	10.5	5.89	21
22	2.52B	43.5 B	9.85	7.18	5.29	5.69	2.20	1.18	10.4	5.84	10.7	5.95	22
23	2.53B	54.7 B	9.86	6.85	4.89	8.14	2.03	1.07	9.45	7.55	10.3	6.14	23
24	2.51B	74.9 B	9.98	7.32	4.58	7.87	1.81	1.02	8.65	8.94	9.74	6.38	24
25	2.50B	99.7 B	9.94	7.60	4.35	7.51	1.64	1.04	7.97	9.24	9.31	6.34	25
26	2.48B	98.7	9.94	7.39	4.16	6.78	1.58	1.02	7.36	10.1	9.06	6.00B	26
27	2.53B	82.4	9.78	7.23	4.29	6.17	1.61	0.964	7.95A	12.7	9.46	5.96B	27
28	2.48B	68.2	9.59	7.32	6.16	5.59	1.61	0.845	8.25	22.0	10.0	5.80B	28
29	2.43B		9.62	7.40	7.67	5.02	1.62	0.781	7.64	28.1	9.96	5.60B	29
30	2.35B		10.6	7.31	7.88	5.09	1.61	0.758	6.93	28.8	9.44	5.45B	30
31	2.31B		11.6		7.46		1.47	1.07		26.5		5.32B	31
TOTAL	89.12	644.59	553.66	284.35	187.87	175.71	99.20	41.008	420.31	283.45	393.97	219.92	TOTAL
MEAN	2.87	23.0	17.9	9.48	6.06	5.86	3.20	1.32	14.0	9.14	13.1	7.09	MEAN
MAX	3.66	99.7	55.0	12.8	7.88	8.14	5.85	2.26	46.0	28.8	24.1	9.33	MAX
MIN	2.31	2.13	9.59	6.85	4.16	4.07	1.47	0.758	1.47	4.88	9.06	5.32	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.30
MAXIMUM DAILY, 99.7B ON FEB 25
MINIMUM DAILY, 0.758 ON AUG 30
MAXIMUM INSTANTANEOUS,
104 AT 00:01 EST ON FEB 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 02 46 N
LONG 76 24 03 W
DRAINAGE AREA, 614 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 700	JUL	8 570
FEB	55 700	AUG	3 540
MAR	47 800	SEP	36 300
APR	24 600	OCT	24 500
MAY	16 200	NOV	34 000
JUN	15 200	DEC	19 000

TOTAL DISCHARGE, 293 000 dam³

COLD CREEK AT ORLAND - STATION NO. 02HK007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	1.12	1.45	1.36B	1
2	---	---	---	---	---	---	---	---	---	1.16	1.41	1.45	2
3	---	---	---	---	---	---	---	---	---	1.19	1.33	1.53	3
4	---	---	---	---	---	---	---	---	---	1.14	1.30	1.39	4
5	---	---	---	---	---	---	---	---	---	1.13	1.27	1.32	5
6	---	---	---	---	---	---	---	---	---	1.27	1.35	1.26B	6
7	---	---	---	---	---	---	---	---	---	1.65	1.44	1.24B	7
8	---	---	---	---	---	---	---	---	---	1.49	1.39	1.22	8
9	---	---	---	---	---	---	---	---	---	1.30	1.33	1.21B	9
10	---	---	---	---	---	---	---	---	---	1.20	1.27	1.20B	10
11	---	---	---	---	---	---	---	---	---	1.14	1.26	1.20B	11
12	---	---	---	---	---	---	---	---	---	1.14	1.23	1.20B	12
13	---	---	---	---	---	---	---	---	---	1.10	1.20	1.20	13
14	---	---	---	---	---	---	---	---	---	1.08	1.22	1.20	14
15	---	---	---	---	---	---	---	---	---	1.08	1.25	1.25	15
16	---	---	---	---	---	---	---	---	---	1.10	1.39	1.28	16
17	---	---	---	---	---	---	---	---	---	1.10	3.14	1.26B	17
18	---	---	---	---	---	---	---	---	---	1.72	2.80	1.24B	18
19	---	---	---	---	---	---	---	---	---	2.34	1.96	1.22B	19
20	---	---	---	---	---	---	---	---	---	1.70	1.92	1.21B	20
21	---	---	---	---	---	---	---	---	---	1.43	2.41	1.20B	21
22	---	---	---	---	---	---	---	---	---	1.55	2.05	1.35	22
23	---	---	---	---	---	---	---	---	---	1.97	1.68	1.59	23
24	---	---	---	---	---	---	---	---	1.23A	1.91	1.42B	1.70	24
25	---	---	---	---	---	---	---	---	1.16	1.59	1.34B	1.58B	25
26	---	---	---	---	---	---	---	---	1.13	1.52	1.36B	1.54B	26
27	---	---	---	---	---	---	---	---	1.28	2.42	1.60	1.52B	27
28	---	---	---	---	---	---	---	---	1.26	4.47	1.80	1.50B	28
29	---		---	---	---	---	---	---	1.15	2.69	1.45B	1.48B	29
30	---		---	---	---	---	---	---	1.12	1.82	1.35B	1.47B	30
31	---		---		---		---	---		1.56		1.48B	31
TOTAL	---	---	---	---	---	---	---	---	---	49.08	47.37	41.85	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	1.58	1.58	1.35	MEAN
MAX	---	---	---	---	---	---	---	---	---	4.47	3.14	1.70	MAX
MIN	---	---	---	---	---	---	---	---	---	1.08	1.20	1.20	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 08 04 N
LONG 77 47 17 W
DRAINAGE AREA, 159 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	4 240
MAY	---	NOV	4 090
JUN	---	DEC	3 620

COLD CREEK NEAR BOLTON - STATION NO. 02HC023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.250B	0.310B	0.804	0.620E	0.315	0.257	0.272	0.232	0.264	0.278	0.380	0.620E	1
2	0.245B	0.334	0.686	0.530E	0.307	0.261	0.261	0.225	0.252	0.288	0.381	0.660E	2
3	0.240B	0.320B	0.533	0.480E	0.293	0.271	0.252	0.223	0.240	0.279	0.337	0.514A	3
4	0.237B	0.310B	0.503	0.450E	0.291	0.327	1.50	0.360	0.673	0.269	0.316	0.440	4
5	0.235B	0.305B	0.469	0.410E	0.308	0.278	3.66	0.419	0.780	0.264	0.312	0.401	5
6	0.233B	0.285B	0.454	0.375E	0.322	0.250	1.63	0.271	0.485	0.649	0.322	0.382	6
7	0.230B	0.290B	0.435	0.355E	0.288	0.243	0.789	0.239	0.401	0.425	0.346	0.362	7
8	0.228B	0.280B	0.434	0.335E	0.283	0.242	0.496	0.236	0.347	0.353	0.336	0.359	8
9	0.225B	0.272	0.438	0.345E	0.289	0.255	0.385	0.255	0.292	0.312	0.309	0.328	9
10	0.220B	0.300B	0.436	0.324A	0.420	0.354	0.310	0.246	0.280	0.292	0.293	0.314	10
11	0.218B	0.840B	0.439	0.356	1.58	0.369	0.274	0.270	0.264	0.281	0.295	0.315	11
12	0.215B	0.400B	0.422	0.338	1.24	0.312	0.243	0.244	0.260	0.267	0.289	0.321	12
13	0.213B	0.355B	0.422	0.414	0.714	0.333	0.241	0.234	0.251	0.274	0.289	0.312	13
14	0.210B	0.320B	0.391	0.669	0.529	0.320	0.220	0.234	0.235	0.277	0.289	0.313	14
15	0.208B	0.300B	0.402	0.500	0.515	0.282	0.230	0.360	0.228	0.310	0.288	0.321	15
16	0.206B	0.399B	0.396	0.411	0.516	0.272	0.242	0.306	0.301	0.313	0.778	0.321	16
17	0.204B	1.94	0.370E	0.386	0.421	0.287	0.215	0.239	0.237	0.297	0.913	0.308	17
18	0.202B	9.12	0.350E	0.374	0.378	0.264	0.218	0.224	0.239	0.539	0.643	0.280B	18
19	0.215B	8.92	0.380E	0.356	0.342	0.247	0.284	0.217	0.237	0.445	0.528	0.260B	19
20	0.240B	7.92	0.360E	0.355	0.323	0.245	0.270	0.212	0.238	0.369	1.70	0.240B	20
21	0.276B	5.48	0.350E	0.347	0.309	0.269	0.222	0.261	0.253	0.351	1.62	0.250B	21
22	0.293	3.21	0.340E	0.337	0.304	0.504	0.217	0.221	0.302	0.469	0.867	0.259	22
23	0.295	4.02	0.355E	0.368	0.290	0.398	0.216	0.201	0.397	0.709	0.599	0.317	23
24	0.289	2.98	0.370E	0.398	0.321	0.308	0.212	0.204	0.280	0.670	0.541	0.313	24
25	0.289	1.76	0.368E	0.361	0.278	0.282	0.212	0.199	0.241	0.573	0.433	0.291	25
26	0.304	1.21	0.362E	0.335	0.379	0.252	0.229	0.209	0.267	0.538	0.409	0.275	26
27	0.313	0.912	0.370E	0.498	0.337	0.253	0.243	0.215	0.266	0.845	1.31	0.278	27
28	0.307	0.925	0.355E	0.368	0.366	0.253	0.444	0.304	0.259	1.12	0.966	0.288	28
29	0.313		0.350E	0.346	0.327	0.249	0.418	0.276	0.273	0.611	0.628	0.285	29
30	0.310B		1.29 E	0.337	0.302	0.272	0.301	0.274	0.261	0.481	0.495E	0.281	30
31	0.310B		0.760E		0.275		0.255	0.280		0.407		0.282	31
TOTAL	7.773	54.017	14.394	12.078	13.162	8.709	14.961	7.890	9.303	13.555	17.212	10.490	TOTAL
MEAN	0.251	1.93	0.464	0.403	0.425	0.290	0.483	0.255	0.310	0.437	0.574	0.338	MEAN
MAX	0.313	9.12	1.29	0.669	1.58	0.504	3.66	0.419	0.780	1.12	1.70	0.660	MAX
MIN	0.202	0.272	0.340	0.324	0.275	0.242	0.212	0.199	0.228	0.264	0.288	0.240	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.503
MAXIMUM DAILY, 9.12 ON FEB 18
MINIMUM DAILY, 0.199 ON AUG 25
MAXIMUM INSTANTANEOUS,
15.9 AT 20:12 EST ON FEB 18

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 53 25 N
LONG 79 43 12 W
DRAINAGE AREA, 62.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	672	JUL	1 290
FEB	4 670	AUG	682
MAR	1 240	SEP	804
APR	1 040	OCT	1 170
MAY	1 140	NOV	1 490
JUN	752	DEC	906

TOTAL DISCHARGE, 15 900 dam³

COLDWATER RIVER AT COLDWATER - STATION NO. 02ED007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.41B	1.60B	3.79	5.00	2.03	1.62	1.54	1.16	1.49	1.68A	2.77	2.61	1
2	1.40B	1.70B	3.23	4.15	1.88	1.54	1.48	1.13	2.16	2.14	2.71	3.00	2
3	1.39B	1.60B	2.76	3.32	1.79	2.09	1.77	1.16	2.01	1.90	2.60	3.15	3
4	1.39B	1.55B	2.77	3.38	1.74	5.22	1.55	1.33	2.52	1.76	2.51	2.81	4
5	1.38B	1.52B	2.51	2.99	1.72	2.85	1.96	1.67	6.68	1.68	2.52	2.49	5
6	1.38B	1.51B	2.44	2.58	1.88	2.11	2.09	1.55	6.66	3.78	2.57	2.25	6
7	1.38B	1.48B	2.39	2.33	1.69	1.76	1.60	1.28	3.59	6.69E	3.09	2.14	7
8	1.37B	1.44B	2.47	2.21	1.57	1.70	1.34	1.24	2.97	6.83	2.99	2.08	8
9	1.36B	1.43B	2.66	2.30	1.61	2.41	1.27	1.69	2.60	3.22	2.79	2.00	9
10	1.35B	1.42B	2.67	2.21	3.09	2.12	1.21	1.59	2.11	2.53	2.60	2.50B	10
11	1.35B	1.55B	2.55	3.48	13.1	2.19E	1.17	3.72	1.85	2.24	2.53	2.20B	11
12	1.35B	1.70B	2.42	3.13	9.80	1.75	1.15	1.82	1.67	1.97	2.63	1.90B	12
13	1.34B	2.15B	2.20B	2.48	4.42E	1.63	1.14	1.39	1.56	1.89	2.39	2.10B	13
14	1.34B	2.60B	2.10B	3.17	3.36	1.61	1.13	1.31	1.49	1.79	1.82	2.06	14
15	1.33B	3.50B	2.27	3.15	3.29	1.66	1.12	3.29	1.46	1.78	1.95	1.96	15
16	1.33B	4.00B	2.10B	2.49	3.17	2.76	1.10	5.03	1.40	1.93	2.11	1.92	16
17	1.33B	5.20B	1.99B	2.44	2.55	2.13	1.09	2.31	1.37	1.88	3.85	1.74	17
18	1.33B	6.80B	1.82B	3.61	2.27	1.67	1.26	1.70	1.56	2.03	3.63	1.72B	18
19	1.32B	7.40B	1.82B	2.80	2.10	1.47	1.25E	1.49	1.43	3.22	2.98	1.71B	19
20	1.32B	11.0 B	1.78B	2.57	2.01	1.40	1.26	1.37	1.48	3.72E	3.00	1.70B	20
21	1.32B	14.0 B	1.75B	2.25	1.88	1.36	1.25	1.25	1.57	2.79	3.69	1.68B	21
22	1.32B	17.5	1.94	2.11	1.75	2.76	1.19	1.18	1.44	2.30	3.32	1.63B	22
23	1.32B	29.2	2.30	2.16	1.71	5.05	1.12	1.17	1.40	2.37E	2.85	1.62B	23
24	1.31B	19.2	2.58	2.33	1.67	2.58	1.11	1.35	1.37	3.52E	2.53	1.61B	24
25	1.31B	8.43	2.91	2.38	1.71	2.12	1.07	1.40	1.33	5.23	2.12B	1.60B	25
26	1.40B	5.40	3.05	2.15	1.77	1.79	1.07	1.27	1.39	4.06	2.25B	1.56B	26
27	1.60B	4.22	3.69	2.00	1.71	1.55	1.09	1.22	2.51	3.59	6.19	1.55B	27
28	1.55B	4.08	3.63	1.92	1.87	1.39	1.11	1.21	2.50	3.35	6.03	1.54B	28
29	1.45B		4.16	2.52	1.70	1.34	1.77	1.53	1.90	3.18	3.78	1.53B	29
30	1.41B		7.10	2.32	2.08	1.50	1.60	2.08	1.62	2.87	2.94	1.52B	30
31	1.48B		8.59		1.91		1.26	1.67		2.77		1.51B	31
TOTAL	42.62	163.18	90.44	81.93	84.83	63.13	41.12	52.56	65.09	90.99	89.84	61.41	TOTAL
MEAN	1.37	5.83	2.92	2.73	2.74	2.10	1.33	1.70	2.17	2.94	2.99	1.98	MEAN
MAX	1.60	29.2	8.59	5.00	13.1	5.22	2.09	5.03	6.68	6.83	6.19	3.15	MAX
MIN	1.31	1.42	1.75	1.92	1.57	1.34	1.07	1.13	1.33	1.68	1.92	1.51	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.54
MAXIMUM DAILY, 29.2 ON FEB 23
MINIMUM DAILY, 1.07 ON JUL 25
MAXIMUM INSTANTANEOUS,
30.9 AT 11:00 EST ON FEB 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 42 25 N
LONG 79 38 37 W
DRAINAGE AREA, 177 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 680	JUL	3 550
FEB	14 100	AUG	4 540
MAR	7 810	SEP	5 620
APR	7 080	OCT	7 860
MAY	7 330	NOV	7 760
JUN	5 450	DEC	5 310

TOTAL DISCHARGE, 80 100 dam³

COLLINS CREEK NEAR KINGSTON - STATION NO. 02HM005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.05 B	0.520B	8.47	1.95	2.30	1.15	1.35	0.175	0.364	2.52	5.27	2.14 B	1
2	0.990B	0.515B	7.50	2.14	2.13	1.03	1.22	0.149	0.391	2.44	4.35	2.12	2
3	0.950B	0.508B	6.74B	2.15	1.98	0.959	1.12	0.122	0.555	2.32	3.61	2.11	3
4	0.910B	0.505B	6.02B	2.09	1.90	0.985	0.980	0.164	0.920	2.15	3.08	2.03	4
5	0.880B	0.500B	5.25B	2.27	1.77	0.905	0.844	0.154	4.22	2.05	2.78	1.92	5
6	0.850B	0.495B	4.67B	2.25	1.65	0.838	0.776	0.154	6.91	1.98	2.99	1.77 B	6
7	0.808B	0.490B	4.24	2.19	1.52	0.739	0.699	0.146	6.62	1.99	4.61	1.62 B	7
8	0.783B	0.489B	4.00	2.15	1.40	0.664	0.634	0.222	6.43	1.92	5.74	1.45	8
9	0.775B	0.482B	3.82	2.11	1.30	0.633	0.564	0.224	10.9	1.85	5.93	1.33 B	9
10	0.745B	0.480B	3.57	2.02	1.21	0.596	0.497	0.175	15.1	1.81	5.23	1.23 B	10
11	0.722B	1.07 B	3.33	1.87	1.78	0.590	0.411	0.239	25.3	1.75	4.43	1.12	11
12	0.710B	4.40 B	3.16	1.71	2.77	0.694	0.376	0.380	23.3	1.67	3.76	1.06	12
13	0.698B	7.40 B	2.96	1.57	3.18	0.571	0.365	0.366	15.8	1.53	3.24	1.01	13
14	0.680B	6.60 B	2.71	1.68	2.95	0.524	0.377	0.309	10.7	1.40	2.95	0.979	14
15	0.665B	6.30 B	2.53	1.93	2.57	0.547	0.329	0.606	7.59	1.32	2.71	0.954	15
16	0.650B	5.80 B	2.42	1.95	2.24	0.557	0.285	1.99	5.76	1.22	2.55	0.932B	16
17	0.639B	10.8 B	2.24	2.07	1.96	0.555	0.245	1.75	4.79	1.11	2.44	0.893B	17
18	0.620B	20.0 B	2.06B	2.55	1.67	0.544	0.269	1.53	4.38	1.11	2.34	0.821	18
19	0.610B	33.0 B	1.95B	2.74	1.46	0.509	0.244	1.32	3.98	1.15	2.25	0.733	19
20	0.600B	51.0 B	1.86	2.69	1.29	0.494	0.266	1.04	3.59	1.09	2.18	0.656	20
21	0.592B	44.2 A	1.86B	2.50	1.13	0.469	0.295	0.780	3.29	1.05	2.38	0.600	21
22	0.580B	27.6	1.88	2.31	0.987	1.09	0.267	0.612	3.19	1.07	2.51	0.608	22
23	0.574B	19.6	1.87	2.23	0.834	4.28	0.234	0.507	3.13	1.43	2.49	0.657	23
24	0.562B	21.6	1.88	2.60	0.735	6.91	0.210	0.441	3.05	1.99	2.38	0.683	24
25	0.558B	19.1	1.87	3.09	0.677	6.93	0.190	0.391	2.90	2.22	2.21	0.681	25
26	0.565B	14.1	1.79	3.22	0.607	4.83	0.178	0.354	2.71	2.58	2.05	0.681	26
27	0.580B	11.1	1.72	3.04	0.622	3.15	0.176	0.335	2.64	3.81A	2.36	0.676	27
28	0.570B	9.76	1.62	2.75	0.929	2.26	0.219	0.310	2.66	9.40	2.60	0.680	28
29	0.565B		1.72	2.60	1.03	1.73	0.305	0.282	2.61	10.9	2.57	0.687	29
30	0.548B		1.74	2.46	1.19	1.40	0.284	0.260	2.59	9.31	2.40B	0.683	30
31	0.525B		1.94		1.29		0.228	0.362		6.86		0.676	31
TOTAL	21.554	318.414	99.39	68.88	49.061	47.133	14.437	15.849	186.370	85.00	96.39	34.190	TOTAL
MEAN	0.695	11.4	3.21	2.30	1.58	1.57	0.466	0.511	6.21	2.74	3.21	1.10	MEAN
MAX	1.05	51.0	8.47	3.22	3.18	6.93	1.35	1.99	25.3	10.9	5.93	2.14	MAX
MIN	0.525	0.480	1.62	1.57	0.607	0.469	0.176	0.122	0.364	1.05	2.05	0.600	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.84
MAXIMUM DAILY, 51.0B ON FEB 20
MINIMUM DAILY, 0.122 ON AUG 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 15 24 N
LONG 76 36 46 W
DRAINAGE AREA, 155 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 860	JUL	1 250
FEB	27 500	AUG	1 370
MAR	8 590	SEP	16 100
APR	5 950	OCT	7 340
MAY	4 240	NOV	8 330
JUN	4 070	DEC	2 950

TOTAL DISCHARGE, 89 600 dam³

COMMANDA CREEK NEAR COMMANDA - STATION NO. 02DD015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.750B	0.760B	4.90	10.2	3.21	1.15	1.29	0.389	0.842	0.986	1.32	1.48	1
2	0.740B	0.780B	4.18	11.4	2.72	1.01	1.18	0.405	0.962	1.50	1.26	1.71	2
3	0.730B	0.795B	3.65B	11.3	2.35	0.561	1.15	0.377	0.785	2.06	1.20	2.07	3
4	0.720B	0.760B	3.30B	12.8	2.15	1.21	1.08	0.371	1.95	1.94	1.23	2.03	4
5	0.710B	0.700B	3.06	16.2	2.04	1.15	1.04	0.625	3.50	1.68	1.22	1.93 B	5
6	0.698B	0.670B	2.70B	13.0	2.07	1.18	0.940	0.480	2.53	2.04	1.22	1.80 B	6
7	0.690B	0.650B	2.59	9.12	1.94	1.24	0.834	0.420	1.90	4.96	1.18	1.70 B	7
8	0.670B	0.650B	2.37	6.92	1.77	1.15	0.770	0.495	1.54	6.21	1.11	1.64	8
9	0.660B	0.660B	2.23	11.3	1.61	1.11	0.738	0.651	1.36	4.99	1.09	1.55	9
10	0.660B	0.670B	2.06	13.2	1.58	1.01	0.705	0.918	4.55	3.66	1.06B	1.47 B	10
11	0.650B	0.890B	1.94	9.98	2.77	0.897	0.667	0.826	5.03	2.95	1.03B	1.39 B	11
12	0.640B	1.10 B	1.86	7.11	6.34	0.838	0.647	0.660	4.40	2.42	1.02	1.33 B	12
13	0.630B	1.28 B	1.79	5.45	6.53	0.922	0.655	0.532	3.44	2.05	1.00	1.29 B	13
14	0.625B	1.09 B	1.70B	4.90	5.26	0.885	0.635	0.404	2.57	1.82	1.02	1.23 B	14
15	0.620B	0.990B	1.63	4.66	4.25	1.02	0.606	0.434	1.99	1.73	1.02	1.19 B	15
16	0.610B	0.940B	1.61B	4.06	4.00	4.08	0.547	0.413	1.65	1.85	1.02	1.16 B	16
17	0.605B	1.04 B	1.60B	3.56	3.51	3.95	0.520	0.319	1.35	1.73	1.34	1.12 B	17
18	0.600B	1.16 B	1.58B	3.23	2.97	2.95	0.610	0.278	1.11	3.13	1.54	1.09 B	18
19	0.595B	1.38 B	1.55B	2.98	2.58	2.27	0.565	0.225	1.06	5.08	1.42	1.06 B	19
20	0.590B	1.68 B	1.51B	2.64	2.24	1.76	0.516	0.202	1.28	4.38	1.36	1.03 B	20
21	0.580B	2.25 B	1.49B	2.47	2.02	1.48	0.589	0.177	1.22	3.56	1.38	1.04 B	21
22	0.575B	3.15 B	1.47B	2.24	1.80	2.69	0.514	0.168	1.05	2.91	1.32	1.05 B	22
23	0.570B	6.00 B	1.47	2.13	1.61	4.85	0.477	0.182	0.905	2.53	1.29B	1.00 B	23
24	0.565B	10.0 B	1.43	2.11	1.45	4.22	0.439	0.295	0.736	2.39	1.27B	0.950B	24
25	0.560B	11.3	1.48	2.29	1.60	4.03	0.387	0.274	0.665	2.13	1.24B	0.930B	25
26	0.580B	8.92	1.52	2.42	1.75	3.50	0.496	0.227	0.672	1.92	1.24	0.900B	26
27	0.600B	7.49	1.58	2.38	1.63	2.85	0.488	0.224	1.07	1.77	1.61	0.890B	27
28	0.630B	5.92	1.72	2.25	1.52	2.28	0.426	0.196	1.16	1.62	1.84	0.870B	28
29	0.670B		2.38	3.33	1.84	1.84	0.460	0.409	1.04	1.50	1.57B	0.860B	29
30	0.700B		5.49	3.74	1.39	1.48	0.480	1.05	1.04	1.42	1.51B	0.850B	30
31	0.730B		10.8		1.30		0.429	1.00		1.36		0.840B	31
TOTAL	19.953	73.675	78.64	189.37	79.40	59.963	20.860	13.626	53.357	80.276	37.93	39.450	TOTAL
MEAN	0.644	2.63	2.54	6.31	2.56	2.00	0.674	0.440	1.78	2.59	1.26	1.27	MEAN
MAX	0.750	11.3	10.8	16.2	6.53	4.85	1.29	1.05	5.03	6.21	1.84	2.07	MAX
MIN	0.560	0.650	1.43	2.11	1.30	0.838	0.387	0.168	0.665	0.986	1.00	0.840	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.05
MAXIMUM DAILY, 16.2 ON APR 5
MINIMUM DAILY, 0.168 ON AUG 22
MAXIMUM INSTANTANEOUS,
16.7 AT 09:19 EST ON APR 5

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 56 55 N
LONG 79 36 24 W
DRAINAGE AREA, 106 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 720	JUL	1 800
FEB	6 370	AUG	1 180
MAR	6 790	SEP	4 610
APR	16 400	OCT	6 940
MAY	6 860	NOV	3 280
JUN	5 180	DEC	3 410

TOTAL DISCHARGE, 64 500 dam³

CONESTOGO RIVER ABOVE DRAYTON - STATION NO. 02GA039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.570B	0.420B	8.24	8.60	0.920	0.295	0.144	0.067	3.11	1.82	2.71	3.33	1
2	0.550B	0.410B	3.50 B	5.28	0.755	0.235	0.121	0.043	5.19	3.60	2.30	11.6	2
3	0.535B	0.390B	2.80 B	3.59	0.639	0.306	0.118	0.053	2.75	2.98	1.90	9.11	3
4	0.515B	0.380B	2.40 B	3.17	0.569	1.33	0.133	0.086	24.2	2.13	1.67	5.02	4
5	0.500B	0.375B	2.10 B	3.02	0.546	1.06	2.69	0.088	12.5	1.72	1.50	3.93	5
6	0.485B	0.370B	1.82 B	2.28	0.622	0.648	1.53	0.074	5.04	22.4	1.47	2.60	6
7	0.470B	0.367B	1.74 B	1.73	0.609	0.405	0.793	0.056	3.02	21.7	1.43	2.19	7
8	0.455B	0.365B	1.67	1.46	0.550	0.365	0.429	0.046	2.07	10.5	1.28	1.60 B	8
9	0.445B	0.360B	1.72	1.33	0.524	0.280	0.268	0.033	1.57	5.35	1.15	1.35 B	9
10	0.435B	0.430B	1.86	1.13	0.779	0.289	0.189	0.026	1.23	3.61	0.984	1.12 B	10
11	0.425B	0.650B	1.81	1.03	8.68	0.404	0.148	0.032	0.987	2.79	0.992	1.00 B	11
12	0.415B	0.900B	1.66	0.955	7.57	0.377	0.129	0.085	0.816	2.23	1.18	0.850B	12
13	0.410B	1.24 B	1.34 B	0.835	4.26	0.281	0.109	0.127	0.679	1.78	1.10	0.770B	13
14	0.400B	1.12 B	1.15 B	4.68	2.89	0.236	0.088	0.108	0.587	1.53	0.995	0.740B	14
15	0.391B	1.09 B	1.23 B	4.89	2.93	0.237	0.076	0.165	0.523	1.89	0.921	0.690B	15
16	0.385B	1.35 B	0.969B	2.98	3.76	0.248	0.070	0.318	0.493	2.63	0.952	0.640B	16
17	0.380B	2.10 B	0.820B	2.50	2.76	0.250	0.056	0.341	0.510	2.11	1.51	0.610B	17
18	0.375B	11.9 B	0.740B	2.52	1.88	0.196	0.050	0.259	0.575	9.38	1.84	0.570B	18
19	0.370B	46.0 B	0.640B	1.93	1.42	0.164	0.050	0.194	0.587	11.3	1.66	0.540B	19
20	0.365B	62.0 B	0.590B	1.80	1.08	0.148	0.050	0.161	0.551	6.74	8.11	0.510B	20
21	0.363B	56.0 B	0.611	1.48	0.875	0.146	0.051	0.129	0.570	4.81	9.87	0.490B	21
22	0.360B	50.0 B	0.742	1.28	0.783	0.912	0.050	0.134	0.901	6.81	5.20	0.500B	22
23	0.358B	98.0	1.28	1.15	0.785	3.58	0.043	0.132	0.989	12.6	3.67	0.520B	23
24	0.353B	36.0	1.84	1.43	0.667	1.81	0.033	0.108	0.822	12.7	2.92	0.490B	24
25	0.350B	12.3	2.48	1.42	0.658	0.960	0.033	0.114	0.726	7.19	2.30	0.465B	25
26	0.370B	7.79	3.10	1.17	0.665	0.560	0.034	0.128	0.766	6.40	1.98	0.460B	26
27	0.385B	5.92	4.07	0.976	0.559	0.352	0.032	0.145	6.05	5.49	38.1	0.458B	27
28	0.370B	9.11	4.90	0.925	0.552	0.228	0.089	0.292	4.46	7.44	12.4	0.457B	28
29	0.355B		5.32	1.12	0.557	0.173	0.256	1.12	2.60	5.18	5.62	0.454B	29
30	0.345B		17.5	1.15	0.493	0.156	0.213	5.19	1.77	3.77	3.94	0.450B	30
31	0.340B		19.9		0.488		0.127	3.41		3.05		0.440B	31
TOTAL	12.825	497.337	100.533	67.811	50.725	16.631	8.202	13.264	86.642	193.63	121.654	53.454	TOTAL
MEAN	0.414	14.5	3.24	2.26	1.64	0.554	0.265	0.428	2.89	6.25	4.06	1.72	MEAN
MAX	0.570	98.0	19.9	8.60	8.68	3.58	2.69	5.19	24.2	22.4	38.1	11.6	MAX
MIN	0.340	0.360	0.590	0.835	0.388	0.146	0.032	0.026	0.493	1.53	0.921	0.440	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.10
MAXIMUM DAILY, 98.0 ON FEB 23
MINIMUM DAILY, 0.026 ON AUG 10
MAXIMUM INSTANTANEOUS,
131 AT 17:10 EST ON FEB 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 46 58 N
LONG 80 38 20 W
DRAINAGE AREA, 272 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 110	JUL	709
FEB	35 200	AUG	1 150
MAR	8 690	SEP	7 490
APR	5 860	OCT	16 700
MAY	4 380	NOV	10 500
JUN	1 440	DEC	4 620

TOTAL DISCHARGE, 97 800 dam³

CONESTOGO RIVER AT GLEN ALLAN - STATION NO. 02GA028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.30 B	0.520B	18.7	18.8	2.69	3.95	3.39	5.34	4.04	3.35	18.7	12.6	1
2	4.80 B	0.515B	16.5	15.8	2.69	3.88	3.40	5.34	3.79	3.11	18.5	12.7	2
3	4.30 B	0.510B	8.25	7.16	2.72	4.12	3.37	5.43	3.64	3.13	7.88	12.6	3
4	3.90 B	0.505B	4.88	7.27	2.71	4.15	3.39	5.55	4.48	3.19	1.51	12.6	4
5	3.60 B	0.501B	4.82	7.15	2.71	4.17	3.40	5.52	3.48	3.19	0.908	12.5	5
6	3.30 B	0.500B	4.60B	4.45	2.81	4.17	3.43	5.58	3.44	3.46	2.45	12.5	6
7	3.05 B	0.480B	4.45B	3.04	2.90	4.30	3.42	5.70	3.43	3.16	4.60	12.5	7
8	2.95 B	0.485B	4.28	3.17	2.91	4.39	3.36	5.75	3.38	3.24	4.97	12.4	8
9	2.80 B	0.490B	4.24	2.97	2.91	4.38	3.39	5.79	3.40	4.18	4.32	13.7	9
10	2.70 B	0.530B	4.21	2.90	2.97	4.39	3.37	6.00	3.37	6.32	4.52	17.5	10
11	2.58 B	0.850B	4.18	2.84	2.97	4.39	3.65	5.96	3.31	6.36	5.40	17.6	11
12	2.46 B	1.70 B	4.23	2.80	2.90	4.40	2.85	5.99	3.27	6.38	4.60	17.9	12
13	2.41 B	3.30 B	3.90B	2.78	2.89	4.46	2.31	6.00	3.23	6.38	4.55	17.0	13
14	2.41 B	3.50 B	3.55B	2.81	2.89	4.44	3.51	5.98	3.22	6.41	5.33	16.9	14
15	2.30 B	3.20 B	3.40B	2.68	2.90	4.41	5.05	6.09	3.21	6.45	5.25	16.7	15
16	2.24 B	4.40 B	3.50B	2.72	2.89	4.27	5.00	5.98	3.22	6.35	3.19	16.5	16
17	2.15 B	6.90 B	2.50B	2.70	2.92	4.20	4.99	6.00	3.25	6.35	8.52	16.0	17
18	2.15 B	12.0 B	2.45B	2.61	2.93	4.25	4.99	6.07	3.21	6.66	12.1	16.8	18
19	2.01 B	25.0 B	2.50B	2.64	2.96	4.10	5.06	5.27	3.17	6.42	12.1	18.3	19
20	1.87 B	58.0 B	2.53	2.58	2.98	4.07	5.01	4.62	3.17	6.46	12.3	18.0	20
21	1.87 B	52.0 B	2.59	2.65	2.98	4.03	5.02	4.63	3.19	14.3	12.1	18.0	21
22	1.59 B	47.5 B	2.46	2.65	3.00	4.02	5.07	4.68	3.13	19.1	12.1	17.0	22
23	1.30 B	64.6	2.43	2.68	3.06	3.88	5.09	4.60	3.14	19.4	12.2	15.0	23
24	1.02 B	86.8	2.41	2.59	3.12	3.88	5.10	4.55	3.13	19.3	7.88	11.3	24
25	0.610B	44.6	2.37	2.61	3.17	3.67	5.11	4.50	3.09	19.3	8.19	10.8	25
26	0.520B	13.7	2.44	2.55	3.26	3.63	5.09	4.49	3.12	19.2	7.84	10.1	26
27	0.550B	10.9	2.34	2.63	3.38	3.60	5.12	4.43	3.09	28.3	12.6	9.55	27
28	0.600B	12.6	2.57	2.83	3.78	3.54	5.35	4.39	3.04	47.4	12.4	9.27	28
29	0.590B		2.62	2.71	3.85	3.50	5.24	4.38	3.10	45.2	12.4	8.95	29
30	0.570B		2.78	2.68	3.87	3.41	5.20	4.44	3.12	38.0	9.20	8.66	30
31	0.540B		11.6		3.86		5.25	4.04		19.1		8.31	31
TOTAL	69.040	456.586	144.28	126.55	94.58	122.05	132.98	163.09	99.86	389.15	248.608	430.24	TOTAL
MEAN	2.23	16.3	4.65	4.22	3.05	4.07	4.29	5.26	3.33	12.6	8.29	13.9	MEAN
MAX	5.30	86.8	18.7	18.8	3.87	4.46	5.35	6.09	4.48	47.4	18.7	18.3	MAX
MIN	0.520	0.480	2.34	2.58	2.69	3.41	2.31	4.04	3.04	3.11	0.908	8.31	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.79
MAXIMUM DAILY, 86.8 ON FEB 24
MINIMUM DAILY, 0.480B ON FEB 7
MAXIMUM INSTANTANEOUS,
88.0 AT 15:40 EST ON FEB 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 39 17 N
LONG 80 42 06 W
DRAINAGE AREA, 578 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 970	JUL	11 500
FEB	39 400	AUG	14 100
MAR	12 500	SEP	8 630
APR	10 900	OCT	33 600
MAY	8 170	NOV	21 500
JUN	10 500	DEC	37 200

TOTAL DISCHARGE, 214 000 dam³

CONISTON CREEK ABOVE WANAPITEI RIVER - STATION NO. 02DB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.237B	0.210B	2.30 B	7.37 A	1.10	0.470	0.625	0.262	4.40 E	0.947	0.554	0.490B	1
2	0.234B	0.208B	1.80 B	6.33	0.888	0.441	0.689	0.275	3.50 E	1.34	0.493	1.29	2
3	0.232B	0.207B	1.40 B	3.66	0.735	0.437	0.667	0.350	2.70 E	1.26	0.465	1.37	3
4	0.230B	0.206B	1.10 B	11.1	0.755	0.477	1.13	0.535	5.50 E	1.12	0.478	1.14	4
5	0.228B	0.205B	0.900B	6.53	0.782	0.425	2.92	0.463	4.00 E	1.04	0.501	0.800B	5
6	0.226B	0.204B	0.800B	3.34	0.831	0.423	1.80 A	0.314	2.60 E	3.44	0.762	0.630B	6
7	0.224B	0.203B	0.740B	2.44	0.759	0.387	1.15 E	0.282	1.87 A	5.42	0.856	0.570B	7
8	0.222B	0.202B	0.720B	5.29	0.682	0.485	0.685A	0.303	2.08	3.18	0.843	0.550B	8
9	0.220B	0.201B	0.700B	8.50	0.648	0.917	0.501	0.351	2.05	1.99	0.797	0.510B	9
10	0.217B	0.200B	0.700B	4.37	0.632	0.814	0.436	0.324	15.2	1.25	0.710	0.470B	10
11	0.214B	0.220B	0.690B	2.84	0.676	0.512	0.434	0.265	5.55	0.936	0.690B	0.430B	11
12	0.211B	0.250B	0.660B	2.05	0.857	0.382	0.425	0.360	4.21	0.746	0.670B	0.390B	12
13	0.210B	0.260B	0.620B	1.54	0.820	0.399	0.450	0.385	2.83	0.660	0.664	0.360B	13
14	0.210B	0.270B	0.600B	3.67	0.762	0.381	0.500A	0.270	2.00	1.12	0.675	0.326B	14
15	0.210B	0.270B	0.580B	2.89	0.689	0.429	0.530E	0.237	1.41	0.899	0.681	0.300B	15
16	0.210B	0.460B	0.570B	2.26	0.704	0.486	0.560E	0.235	1.15	0.734	0.671	0.275B	16
17	0.209B	0.740B	0.560B	1.79	0.609	0.497	0.600A	0.228A	1.00	0.619	0.730	0.255B	17
18	0.208B	1.20 B	0.540B	1.55	0.548	0.431	0.543	0.208A	0.839	4.23	0.805	0.240B	18
19	0.206B	1.90 B	0.530B	1.18	0.526	0.387	0.611	0.202	0.804	4.37	0.785	0.225B	19
20	0.205B	3.00 B	0.550B	1.14	0.518	0.337	0.608	0.195	0.780	3.14	0.758	0.215B	20
21	0.205B	4.80 B	0.700B	1.05	0.474	0.284	0.623	0.189	0.696	2.67	0.600B	0.210B	21
22	0.204B	7.40 B	0.900B	0.937	0.454	0.468	0.603	0.181	0.658	2.04	0.520B	0.210B	22
23	0.204B	12.0 B	2.20 B	1.12	0.441	0.599	0.541	0.398	0.614	1.65	0.490B	0.230B	23
24	0.203B	17.0 B	4.20 B	1.44	0.437	1.30	0.492	0.312	0.590	1.37	0.470B	0.220B	24
25	0.220B	9.50 B	6.20 B	1.33	0.626	1.50	0.455	0.250	0.586	1.17	0.440B	0.215B	25
26	0.235B	6.40 B	5.80 B	1.16	0.689	1.21	0.456	0.230E	0.612	1.09	0.500B	0.210B	26
27	0.230B	4.60 B	4.50 B	1.02	0.696	0.999	0.411	0.200E	0.745	0.940	0.620B	0.205B	27
28	0.220B	3.60 B	4.15 B	0.955	0.636	0.786	0.397	0.180E	0.641	0.815	0.630B	0.195B	28
29	0.215B		4.76	1.60	0.567	1.11	0.402	0.250E	0.650	0.748	0.580B	0.195B	29
30	0.212B		7.28	1.24	0.504	1.17	0.334	0.400E	0.571	0.686	0.540B	0.190B	30
31	0.210B		5.15 A		0.526		0.295	1.00 E		0.581		0.185B	31
TOTAL	6.721	75.916	62.900	91.692	20.671	18.943	21.073	9.634	70.832	52.201	18.978	13.101	TOTAL
MEAN	0.217	2.71	2.03	3.06	0.667	0.631	0.680	0.311	2.36	1.68	0.633	0.423	MEAN
MAX	0.237	17.0	7.28	11.1	1.10	1.50	2.92	1.00	15.2	5.42	0.856	1.37	MAX
MIN	0.203	0.200	0.530	0.937	0.437	0.284	0.295	0.180	0.571	0.581	0.440	0.185	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.27
MAXIMUM DAILY, 17.0B ON FEB 24
MINIMUM DAILY, 0.180E ON AUG 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 28 28 N
LONG 80 49 18 W
DRAINAGE AREA, 59.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	581	JUL	1 820
FEB	6 560	AUG	832
MAR	5 430	SEP	6 120
APR	7 920	OCT	4 510
MAY	1 790	NOV	1 640
JUN	1 640	DEC	1 130

TOTAL DISCHARGE, 40 000 dam³

REMARKS - DATA PRIOR TO 1980 COLLECTED AND PUBLISHED BY ONT. MINISTRY OF THE ENVIRONMENT UNDER STATION NO. 02DB102

CONSECON CREEK AT ALLISONVILLE - STATION NO. 02HE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.415B	0.250B	4.86	1.10	1.40	0.281	0.346	0.021	0.138	1.04	1.86	0.976	1
2	0.405B	0.255B	3.98	1.08	1.18	0.253	0.343	0.019	0.363	1.06	1.79	1.03	2
3	0.395B	0.270B	3.55	1.02	1.04	0.231	0.333	0.016	0.579	1.02	1.66	1.03	3
4	0.385B	0.260B	2.77 B	1.02	0.936	0.218	0.287	0.022	1.55	0.982	1.56	0.983	4
5	0.375B	0.255B	2.14	1.02	0.836	0.191	0.254	0.027	3.20	0.947	1.53	0.927	5
6	0.365B	0.250B	1.95 B	0.910	0.820	0.168	0.250	0.016	3.08	1.02	1.68	0.856	6
7	0.355B	0.245B	1.72	0.832	0.789	0.149	0.235	0.006	3.00	1.09	1.87	0.781	7
8	0.345B	0.240B	1.67	0.768	0.642	0.123	0.222	0.004	5.66	1.04	1.73	0.745	8
9	0.335B	0.238B	1.61	0.744	0.551	0.099	0.207	0.008	8.12	0.986	1.63	0.695	9
10	0.325B	0.245B	1.51	0.648	0.521	0.088	0.162	0.008	7.12	0.932	1.55	0.602	10
11	0.320B	0.260B	1.41	0.624	0.967	0.084	0.134	0.022	6.51	0.884	1.54	0.553	11
12	0.315B	1.20 B	1.34	0.577	2.14	0.080	0.109	0.033	5.61	0.914	1.39	0.528	12
13	0.310B	1.00 B	1.29	0.539	2.01	0.084	0.085	0.031	4.66	0.825	1.24	0.519	13
14	0.305B	0.880B	1.11 B	0.638	1.87	0.080	0.076	0.034	3.76	0.741	1.18	0.519	14
15	0.300B	0.800B	1.08	0.722	1.71	0.091	0.065	0.134	3.03	0.683	1.15	0.521	15
16	0.295B	0.840B	1.05	0.759	1.49	0.089	0.050	0.264	2.41	0.605	1.15	0.524	16
17	0.290B	2.00 B	0.896B	0.801	1.19	0.081	0.045	0.240	2.04	0.555	1.16	0.454	17
18	0.285B	5.00 B	0.750B	1.11	0.948	0.080	0.059	0.225	1.89	0.636	1.19	0.399	18
19	0.280B	18.6 B	0.673B	1.06	0.802	0.081	0.057	0.178	1.63	0.673	1.13	0.362	19
20	0.275B	36.0	0.585	1.01	0.726	0.074	0.057	0.125	1.41	0.633	1.14	0.300	20
21	0.272B	41.5	0.510B	1.01	0.665	0.072	0.052	0.108	1.24	0.616	1.17	0.266	21
22	0.269B	34.8	0.580	0.976	0.605	0.300	0.041	0.095	1.41	0.623	1.15	0.260	22
23	0.266B	26.7	0.683	1.20	0.584	0.503	0.030	0.074	1.28	0.763	1.05	0.296	23
24	0.263B	22.4	0.790	1.86	0.518	0.617	0.019	0.079	1.09	0.792	1.00	0.331	24
25	0.260B	16.1	0.900	2.18	0.463	0.541	0.022	0.079	0.956	0.811	0.947	0.326	25
26	0.260B	11.6	0.917	2.23	0.393	0.455	0.027	0.074	0.922	0.882	0.895	0.327	26
27	0.280B	7.98	0.885	2.10	0.329	0.411	0.019	0.072	1.42	1.40	1.18	0.330B	27
28	0.270B	6.05	0.815	1.95	0.357	0.388	0.026	0.056	1.25	1.90	1.24	0.332	28
29	0.264B		0.806	1.79	0.360	0.435	0.050	0.045	1.13	1.85	1.11	0.342	29
30	0.258B		0.951	1.63	0.342	0.361	0.043	0.053	1.03	1.86	0.988	0.327	30
31	0.252B		1.12		0.287		0.032	0.143		1.88		0.329	31
TOTAL	9.589	236.218	44.901	33.906	27.471	6.708	3.737	2.311	77.488	30.643	39.860	16.770	TOTAL
MEAN	0.309	8.44	1.45	1.13	0.886	0.224	0.121	0.075	2.58	0.988	1.33	0.541	MEAN
MAX	0.415	41.5	4.86	2.23	2.14	0.617	0.346	0.264	8.12	1.90	1.87	1.03	MAX
MIN	0.252	0.238	0.510	0.539	0.287	0.072	0.019	0.004	0.138	0.555	0.895	0.260	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.45
MAXIMUM DAILY, 41.5 ON FEB 21
MINIMUM DAILY, 0.004 ON AUG 8
MAXIMUM INSTANTANEOUS,
43.9 AT 03:21 EST ON FEB 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 01 40 N
LONG 77 22 00 W
DRAINAGE AREA, 114 km²

B - ICE CONDITIONS

REGULATED SINCE 1969

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	828	JUL	323
FEB	20 400	AUG	200
MAR	3 880	SEP	6 690
APR	2 930	OCT	2 650
MAY	2 370	NOV	3 440
JUN	580	DEC	1 450

TOTAL DISCHARGE, 45 700 dam³

CREDIT RIVER AT ERINDALE - STATION NO. 02HB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.90B	3.45B	14.7	10.8	4.91	4.01	3.57	3.94	6.91	6.40E	7.60	8.12	1
2	2.85B	3.55B	11.6	9.57	4.85	3.85	3.55	3.65	6.15	5.62	7.17	10.1	2
3	2.80B	3.34B	8.93	8.16	4.68	4.42	3.66	3.75	7.28	4.83	6.67	10.4	3
4	3.05B	3.10B	8.07	7.52	4.60	4.25	3.80	7.56	34.9	4.45	6.25	8.87	4
5	3.30B	2.80B	8.10	7.72	4.61	4.21	20.1	8.42	36.0	4.25	6.22	7.77	5
6	3.60B	2.85B	7.12	7.08	4.37	3.92	26.1	5.01	18.5	9.11	6.31	7.18	6
7	3.55B	2.95B	7.06	6.28	4.18	3.62	12.1	4.40	10.1	9.21	6.21	6.91	7
8	3.45B	2.85B	6.82	5.85	4.02	3.64	6.57	4.53	7.72	6.98	6.03	6.99	8
9	3.40B	2.81B	6.86	5.70	4.04	3.69	4.98	4.35	6.19	5.46	5.92	5.60B	9
10	3.25B	2.80B	6.88	5.53	4.50	3.90	4.31	4.86	5.57	4.80	5.59	5.10B	10
11	3.15B	15.0 B	6.72	5.43	9.51	4.58	4.00	5.95	4.97	4.50	5.43	4.80B	11
12	3.05B	13.3 B	6.48	5.27	12.5	4.32	3.67	5.34	4.69	4.47	5.36	4.60B	12
13	3.05B	12.0 B	6.42	5.05	8.83	4.05	3.43	5.15	4.35	4.26	5.19	4.40B	13
14	3.08B	11.2 B	5.89	9.01	6.80	4.07	3.35	5.08	4.24	4.25	5.04	4.50B	14
15	3.13B	10.3 B	6.09	9.94	6.39	3.96	3.20	8.00	4.04	4.53	5.06	4.80B	15
16	3.20B	19.0 B	5.95	7.93	6.40	3.89	3.14	6.96	3.84	4.83	10.6	4.30B	16
17	3.19B	35.0 B	5.56	6.70	5.95	4.23	3.12	5.51	3.84	4.64	16.4	3.85B	17
18	3.15B	56.0 B	4.24	6.60	5.31	3.72	3.55	4.63	3.79	9.07	12.0	3.60B	18
19	3.19B	80.0 B	4.60B	6.00	4.96	3.58	3.43	4.05	3.79	8.78	9.09	3.45B	19
20	3.30B	64.0 B	4.45B	5.68	4.68	3.46	3.59	3.79	3.65	6.93	22.1	3.25B	20
21	3.25B	50.0 B	4.40B	5.34	4.50	3.83	3.48	3.64	4.14	6.17	24.9	3.15B	21
22	3.21B	38.0	4.80B	5.07	4.24	5.79	3.45	3.46	5.15	13.4	14.3	3.55B	22
23	3.30B	37.3	5.18	5.53	4.02	7.00	3.11	3.44	4.52	19.1	10.1	4.20B	23
24	3.45B	39.6	5.21	6.48	3.96	5.86	3.07	3.49	4.14	14.3	8.58	4.10B	24
25	3.65B	25.5	5.36	6.40	3.95	4.80	2.95	3.46	3.97	9.65	7.50	3.95B	25
26	4.00B	17.4	5.36	5.87	4.36	4.17	2.95	3.26	4.29	8.69	7.28	3.90B	26
27	3.80B	13.1	5.92	5.14	4.86	3.84	3.01	3.17	4.31	20.6	11.7	3.85B	27
28	3.55B	14.6	6.16	4.97	5.32	3.55	6.33	4.98	3.99	42.0	12.9	4.00B	28
29	3.30B		6.14	5.47	5.11	3.49	7.58	5.55	3.76	17.9	10.3	3.95B	29
30	3.16B		8.79	5.67	4.81	3.28	5.85	7.98	3.69A	11.4	8.59	3.90B	30
31	3.30B		12.3		4.52		4.57	8.35		8.85		3.85B	31
TOTAL	101.61	581.80	212.16	197.76	165.74	124.98	169.57	155.71	222.48	289.43	276.39	160.99	TOTAL
MEAN	3.28	20.8	6.84	6.59	5.35	4.17	5.47	5.02	7.42	9.34	9.21	5.19	MEAN
MAX	4.00	80.0	14.7	10.8	12.5	7.00	26.1	8.42	36.0	42.0	24.9	10.4	MAX
MIN	2.80	2.80	4.24	4.97	3.95	3.28	2.95	3.17	3.65	4.25	5.04	3.15	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.28
MAXIMUM DAILY, 80.0B ON FEB 19
MINIMUM DAILY, 2.80B ON JAN 3

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 32 37 N
LONG 79 39 29 W
DRAINAGE AREA, 829 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 780	JUL	14 700
FEB	50 300	AUG	13 500
MAR	18 300	SEP	19 200
APR	17 100	OCT	25 000
MAY	14 300	NOV	23 900
JUN	10 800	DEC	13 900

TOTAL DISCHARGE, 230 000 dam³

CREDIT RIVER NEAR CATARACT - STATION NO. 02HB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.990B	1.04	2.77	2.76	1.25	1.00	0.794	1.04	1.41	1.06	1.60	2.19	1
2	0.980B	1.04 B	2.37	2.52	1.21	0.983	0.776	0.930	1.48	1.18	1.48	2.64	2
3	0.97CB	1.02 B	2.01	2.22	1.17	0.990	0.838	0.997	1.59	1.19	1.25	2.56	3
4	0.960B	0.990B	2.02	2.21	1.14	1.12	1.19	1.12	3.80	1.27	1.43	2.27	4
5	0.950B	0.977	1.92	2.25	1.03	1.10	7.35 E	1.30	4.17	1.02	1.47	2.14	5
6	0.945B	0.965	1.85	2.00	0.944	0.981	3.06	1.15	2.70	1.59	1.52	2.02	6
7	0.943B	0.996	1.80	1.80	0.889	0.952	1.88	0.933	2.16	2.10	1.43	2.05	7
8	0.941B	1.03	1.74	1.68	1.06	0.883	1.40	1.13	1.84	1.68	1.45	1.98	8
9	0.940B	1.05	1.69	1.66	1.10	0.839	1.14	1.58	1.60	1.45	1.41	1.73	9
10	0.936B	1.03	1.67	1.57	1.26	0.919	0.983	1.28	1.42	1.33	1.19	1.70	10
11	0.932B	1.38 B	1.65	1.50	2.58	1.33	0.886	1.14	1.30	1.53	1.24	1.84	11
12	0.930B	2.00 B	1.62	1.42	2.66	1.18	0.844	0.989	1.22	1.36	1.25	1.58	12
13	0.929B	1.80 B	1.57	1.32	1.96	1.05	0.801	0.869	1.12	1.40	1.21	1.67	13
14	0.928B	1.60	1.44	1.98	1.67	1.01	0.754	1.12	1.02	1.33	1.26	1.84	14
15	0.930B	1.52	1.45	2.12	1.68	1.03	0.741	1.48	0.975	1.29	1.44	1.74	15
16	0.935B	1.53	1.46	1.74	1.69	0.962	0.673	1.60	0.957	1.35	1.96	1.81	16
17	0.940B	2.06	1.35	1.62	1.48	0.924	0.620	1.33	0.962	1.27	2.48	1.58	17
18	0.945B	4.26	1.24B	1.58	1.37	0.885	0.609	1.14	0.954	1.68	2.09	1.25	18
19	0.960B	9.64	1.33	1.32	1.26	0.868	0.625	1.03	0.953	1.83	1.98	1.20	19
20	0.970B	9.87	1.30	1.40	1.17	0.827	0.770	0.960	0.925	1.59	2.67	1.28	20
21	0.980B	8.00	1.42	1.30	1.08	0.869	0.831	0.922	0.949	1.51	3.06	1.30	21
22	1.00 B	6.11	1.36	1.25	1.03	1.83	0.770	0.895	1.22	1.62	2.54	1.17	22
23	1.02 B	7.49	1.36	1.26	0.925	2.40	0.697	0.883	1.16	1.80	2.28	1.28	23
24	1.04 B	8.09	1.33	1.39	0.885	1.71	0.617	0.851	1.05	1.90	2.10	1.31	24
25	1.06 B	4.96	1.32	1.32	1.04	1.40	0.593	0.800	1.00	1.70	1.93	1.28	25
26	1.08 B	3.71	1.39	1.21	1.05	1.17	0.700	0.718	1.05	1.63	1.98	1.26	26
27	1.11 B	3.01	1.57	1.07	1.05	1.00	0.823	0.670	1.09	2.02	3.34	1.26	27
28	1.10 B	2.93	1.62	1.32	1.13	0.927	1.28	1.02	1.06	2.26	3.30	1.29	28
29	1.08 B		2.22	1.51	1.12	0.835	2.19	1.34	0.996	2.10	2.59	1.28	29
30	1.06 B		2.88	1.34	1.12	0.816	1.64	1.36	0.972	1.70	2.28	1.28	30
31	1.05 B		3.25		0.989		1.24	1.49		1.59		1.23	31
TOTAL	30.534	90.098	53.97	49.64	39.992	32.790	38.115	34.067	43.103	48.33	57.21	51.01	TOTAL
MEAN	0.985	3.22	1.74	1.65	1.29	1.09	1.23	1.10	1.44	1.56	1.91	1.65	MEAN
MAX	1.11	9.87	3.25	2.76	2.66	2.40	7.35	1.60	4.17	2.26	3.34	2.64	MAX
MIN	0.928	0.965	1.24	1.07	0.885	0.816	0.593	0.670	0.925	1.02	1.19	1.17	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.56
MAXIMUM DAILY, 9.87 ON FEB 20
MINIMUM DAILY, 0.593 ON JUL 25
MAXIMUM INSTANTANEOUS,
11.5 AT 19:46 EST ON FEB 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 50 08 N
LONG 80 01 21 W
DRAINAGE AREA, 205 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 640	JUL	3 290
FEB	7 780	AUG	2 940
MAR	4 660	SEP	3 720
APR	4 290	OCT	4 180
MAY	3 460	NOV	4 940
JUN	2 830	DEC	4 410

TOTAL DISCHARGE, 49 100 dam³

REMARKS - MINOR REGULATION FROM ORANGEVILLE DAM

CREDIT RIVER NEAR ORANGEVILLE - STATION NO. 02HB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.390E	0.472	0.783	0.847	0.272	0.239	0.210	0.274	0.501	0.320	0.621	0.990	1
2	0.385E	0.513	0.666	0.772	0.297	0.223	0.222	0.253	0.491	0.385	0.446	1.28	2
3	0.383E	0.510	0.612	0.646	0.304	0.237	0.238	0.263	0.548	0.409	0.416	1.12	3
4	0.382E	0.428A	0.614	0.677	0.293	0.310	0.247	0.341	1.73	0.363	0.411	1.00	4
5	0.381E	0.410E	0.625	0.714	0.226	0.283	0.976	0.560	1.79	0.301	0.390	0.938	5
6	0.380E	0.390E	0.619	0.629	0.268	0.238	1.09	0.444	0.828	0.526	0.390	0.893	6
7	0.379E	0.405E	0.584	0.563	0.265	0.220	0.532	0.309	0.680	0.851	0.464	0.889	7
8	0.378E	0.430E	0.561	0.540	0.262	0.210	0.315	0.319	0.575	0.518	0.462	0.886	8
9	0.377A	0.470E	0.569	0.548	0.242	0.213	0.254	0.638	0.506	0.411	0.384	0.806	9
10	0.367	0.520E	0.581	0.529	0.342	0.286	0.230	0.533	0.462	0.360	0.374	0.829	10
11	0.434	0.715E	0.536	0.479	0.949	0.470	0.215	0.420	0.426	0.345	0.364	0.854	11
12	0.486	0.883	0.514	0.443	0.893	0.311	0.197	0.405	0.392	0.339	0.378	0.844	12
13	0.522	0.751	0.519	0.362	0.517	0.256	0.182	0.351	0.375	0.482	0.360	0.834	13
14	0.547	0.553	0.530	0.601	0.400	0.238	0.170	0.317	0.361	0.420	0.425	0.853	14
15	0.542	0.479	0.521	0.641	0.433	0.231	0.175	0.406	0.336	0.350	0.580	0.871	15
16	0.482	0.549	0.477	0.464	0.471	0.227	0.171	0.575	0.322	0.388	0.849	0.853	16
17	0.508	1.03	0.459	0.440	0.408	0.216	0.171	0.400	0.326	0.350	1.16	0.641	17
18	0.600	2.74	0.490	0.318	0.339	0.194	0.196	0.320	0.332	0.473	0.830	0.483	18
19	0.589	3.54	0.519	0.293	0.320	0.196	0.226	0.297	0.332	0.669	0.785	0.452	19
20	0.562	2.35	0.468	0.353	0.282	0.193	0.247	0.266	0.337	0.475	1.23	0.423	20
21	0.485	1.76	0.476	0.326	0.272	0.232	0.264	0.273	0.326	0.404	1.40	0.402	21
22	0.493	1.33	0.486	0.328	0.259	0.751	0.251	0.274	0.429	0.434	1.17	0.421	22
23	0.498	2.04	0.472	0.340	0.245	0.992	0.238	0.264	0.438	0.548	1.07	0.464	23
24	0.487	1.67	0.479	0.396	0.267	0.421	0.226	0.265	0.366	0.663	1.00	0.456	24
25	0.470	1.00	0.496	0.401	0.241	0.286	0.226	0.270	0.343	0.536	0.953	0.435	25
26	0.481	0.871	0.498	0.358	0.239	0.252	0.229	0.263	0.351	0.524	0.941	0.418	26
27	0.493	0.772	0.549	0.307	0.248	0.243	0.225	0.273	0.378	0.598	1.76	0.416	27
28	0.491	0.824	0.535	0.289	0.282	0.227	0.422	0.392	0.361	0.829	1.46	0.434	28
29	0.452		0.560	0.310	0.276	0.212	1.04	0.626	0.314	0.732	1.12	0.434	29
30	0.453		0.865	0.187	0.261	0.210	0.537	0.660	0.302	0.581	1.00	0.442	30
31	0.469		1.00		0.245		0.322	0.584		0.518		0.419	31
TOTAL	14.346	28.405	17.663	14.101	10.618	8.817	10.244	11.835	15.258	15.102	23.193	21.480	TOTAL
MEAN	0.463	1.01	0.570	0.470	0.343	0.294	0.330	0.382	0.509	0.487	0.773	0.693	MEAN
MAX	0.600	3.54	1.00	0.847	0.949	0.992	1.09	0.660	1.79	0.851	1.76	1.28	MAX
MIN	0.367	0.390	0.459	0.187	0.226	0.193	0.170	0.253	0.302	0.301	0.360	0.402	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.523
MAXIMUM DAILY, 3.54 ON FEB 19
MINIMUM DAILY, 0.170 ON JUL 14
MAXIMUM INSTANTANEOUS,
4.27 AT 01:04 EST ON FEB 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 53 29 N
LONG 80 03 47 W
DRAINAGE AREA, 62.2 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 240	JUL	885
FEB	2 450	AUG	1 020
MAR	1 530	SEP	1 320
APR	1 220	OCT	1 300
MAY	917	NOV	2 000
JUN	762	DEC	1 860

TOTAL DISCHARGE, 16 500 dam³

CREDIT RIVER WEST BRANCH AT NORVAL - STATION NO. 02HB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.504	0.454	2.88	1.81	0.21e	0.526	0.423	0.362	0.777	1.20	1.38 E	1.37	1
2	0.470B	0.480	2.33	1.65	0.737	0.487	0.421	0.343	1.23	1.03	1.26 E	1.58	2
3	0.440B	0.450B	1.66	1.37	0.674	0.602	0.393	0.448	1.36	1.02	1.20 E	1.56	3
4	0.440B	0.410B	1.53	1.40	0.708	0.599	1.25	1.17	4.55	0.789	1.12 E	1.41	4
5	0.450B	0.355B	1.45	1.34	0.699	0.522	1.83	0.908	6.17	0.706	1.12 E	1.23	5
6	0.474	0.360B	1.30	1.19	0.614	0.465	3.08	0.719	3.14	1.54	1.13 E	1.11	6
7	0.472	0.365	1.30	1.03	0.557	0.430	1.90	0.612	1.69	1.37	1.14 E	1.06	7
8	0.489	0.364	1.28	0.951	0.538	0.467	0.964	0.523	1.25	1.22	1.10 E	1.09	8
9	0.456	0.381	1.30	0.890	0.526	0.451	0.704	0.437	0.959	0.921	1.05 E	0.875	9
10	0.440	0.378	1.31	0.820	0.718	0.716	0.580	0.524	0.807	0.740	1.01 E	0.820	10
11	0.410B	1.87	1.31	0.801	1.68	0.611	0.555	0.811	0.721	0.676	0.996	0.843	11
12	0.385B	0.860B	1.20	0.770	1.92	0.431	0.388	0.702	0.648	0.636	0.930	0.760	12
13	0.365B	0.800B	1.17	0.778	1.45	0.442	0.348	0.593	0.557	0.609	0.855	0.777	13
14	0.350B	0.751	1.03	2.04	1.12	0.480	0.331	0.503	0.660	0.594	0.857	0.804	14
15	0.362	0.719	1.04	1.97	1.10	0.459	0.331	0.870	0.501	0.693	0.817	0.843	15
16	0.371	1.13	1.01	1.67	1.12	0.585	0.328	0.726	0.454	0.681	1.82	0.849	16
17	0.362B	4.50	0.827	1.21	1.04	0.580	0.323	0.655	0.454	0.685	2.38	0.742	17
18	0.385	6.87	0.668	1.20	0.881	0.453	0.315	0.532	0.436	1.48	2.18	0.564	18
19	0.403	10.1	0.729	1.02	0.773	0.414	0.358	0.435	0.442	1.31	1.62	0.566	19
20	0.405	9.57	0.708	0.955	0.685	0.424	0.395	0.392	0.447	1.21	3.00	0.573	20
21	0.410	8.53	0.686	0.850	0.607	0.532	0.353	0.364	0.593	1.10 E	3.22	0.564	21
22	0.416	6.38	0.727	0.803	0.612	1.25	0.352	0.344	0.721	1.80 E	2.47	0.623	22
23	0.432	6.21	0.771	1.07	0.512	0.888	0.313	0.384	0.537	3.15 E	1.75	0.679	23
24	0.430	6.42	0.947	1.32	0.466	0.730	0.301	0.394	0.555	2.40 E	1.45	0.718	24
25	0.430	4.34	0.967	1.35	0.485	0.584	0.307	0.358	0.535	1.90 E	1.23	0.695	25
26	0.565	3.04	0.903	1.08	0.596	0.501	0.314	0.345	0.647	1.52 E	1.20	0.662	26
27	0.571	2.44	1.24	0.910	0.735	0.419	0.316	0.329	0.612	3.70 E	1.61	0.639	27
28	0.495	2.86	1.19	0.859	1.06	0.358	1.21	0.874	0.580	6.70 E	1.69	0.667	28
29	0.466		1.17	0.967	0.816	0.348	0.900	0.792	0.529	3.50 E	1.49	0.672	29
30	0.432		1.56	0.910	0.707	0.351	0.524	1.18	0.484	2.05 E	1.33	0.668	30
31	0.441B		2.05		0.609		0.413	1.01		1.55 E		0.674	31
TOTAL	13.521	81.387	38.243	34.984	25.561	16.105	20.520	18.639	33.046	48.480	44.405	26.687	TOTAL
MEAN	0.436	2.91	1.23	1.17	0.825	0.537	0.662	0.601	1.10	1.56	1.48	0.861	MEAN
MAX	0.571	10.1	2.88	2.04	1.92	1.25	3.08	1.18	6.17	6.70	3.22	1.58	MAX
MIN	0.350	0.355	0.668	0.770	0.466	0.348	0.301	0.329	0.436	0.594	0.817	0.564	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.10
MAXIMUM DAILY, 10.1 ON FEB 19
MINIMUM DAILY, 0.301 ON JUL 24
MAXIMUM INSTANTANEOUS,
10.8 AT 14:01 EST ON FEB 19

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 38 47 N
LONG 79 51 57 W
DRAINAGE AREA, 127 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 170	JUL	1 770
FEB	7 030	AUG	1 610
MAR	3 300	SEP	2 860
APR	3 020	OCT	4 190
MAY	2 210	NOV	3 840
JUN	1 390	DEC	2 310

TOTAL DISCHARGE, 34 700 dam³

CROWE RIVER AT MARMORA - STATION NO. 02HK003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.2	9.45	181	28.4	30.1	20.4	19.8	2.64	2.77	12.2	39.9	25.5	1
2	17.1	9.80	169	35.1	30.3	20.3	14.1	2.32	3.03	12.0	39.1	25.6	2
3	16.8 B	10.1	156	40.4	29.9	20.2	10.7	2.32	3.17	11.7	40.1	25.5	3
4	16.5 B	10.0 B	143	45.6	28.6	19.6	12.7	2.28	5.09	11.0	39.8	25.3	4
5	16.3 B	9.91B	132	51.5	26.8	19.2	16.5	2.25	11.4	10.5	37.3	24.8	5
6	15.8	9.70	122	58.5	26.1	19.5	17.8	2.32	12.7	8.34	35.7	24.1	6
7	15.6 B	9.45	115	61.5	26.2	19.4	18.9	2.38	13.9	7.17	34.5	23.4	7
8	15.4 B	9.30	109	62.0	25.9	19.5	18.1	3.08	15.1	7.04	33.3	22.7	8
9	15.3	9.28	103	62.5	23.9	20.4	14.8	2.95	14.8	7.01	32.6	22.2	9
10	15.2	9.60	97.0	61.7	21.8	20.3	11.0	3.25	19.3	7.07	31.7	21.5	10
11	15.1 B	13.0	91.2	60.5	22.4	20.1	8.22	3.35	23.1	7.19	30.9	20.9	11
12	15.0 B	13.4	85.6	58.3	24.9	19.0	6.90	3.17	27.0	7.17	29.9	20.4	12
13	14.9	14.1	80.0	56.1	22.6	18.3	5.21	3.14	27.2	8.80	29.0	19.9	13
14	14.6	15.2	74.1	54.5	20.9	17.9	4.55	3.03	26.3	11.0	28.1	19.5	14
15	14.5	16.2	67.9	52.8	22.6	18.2	3.74	4.33	25.2	12.6	27.3	19.1	15
16	14.3	16.8	61.1	50.4	24.5	21.0	3.74	4.46	23.8	13.6	26.5	19.0	16
17	14.3	17.5	53.7	46.1	26.4	23.3	3.54	5.13	22.8	13.1	26.1	18.6	17
18	14.0	20.0	44.8	46.6	26.8	24.1	3.70	5.92	21.7	14.7	25.4	18.3	18
19	13.5	24.2	36.9	45.9	27.2	24.4	4.05	5.66	20.8	16.1	24.7	18.0	19
20	13.1	32.1	35.8	44.5	27.8	23.5	4.08	5.72	19.7	16.4	24.0	17.5	20
21	12.9 B	45.5	33.6	42.7	27.7	22.6	3.96	4.40	18.6	16.4	24.2	16.8	21
22	12.4	67.9	32.2	38.4	27.0	21.8	3.86	2.97	17.3	19.8	24.7	16.5	22
23	12.2	96.4	29.9	35.7	26.7	22.6	3.20	2.85	15.1	25.3	24.8	16.8	23
24	12.0	134	23.4	37.2	25.3	23.6	2.32	2.85	11.8	24.0	24.8	16.8	24
25	11.3	168	24.0	37.7	21.0	24.7	2.46	2.80	10.8	22.6	24.9	16.4	25
26	10.7	187	25.2	36.9	19.7	25.0	2.47	2.81	10.7	22.2	24.6	16.1	26
27	10.2	189	24.3	35.1	19.4	24.0	2.45	2.89	11.3	23.3	25.5	15.7	27
28	9.90	188	23.5	31.9	20.6	22.0	2.78	2.87	11.4	29.1	26.2	15.9	28
29	9.68		24.0	29.5	20.6	20.1	2.80	2.81	12.5	34.6	25.9	15.8	29
30	9.73		24.8	30.0	20.3	19.3	2.75	2.77	13.1	38.1	25.6	15.5	30
31	9.60		25.6		20.4		2.76	2.85		40.0		15.3	31
TOTAL	425.11	1 354.89	2 248.6	1 378.0	764.4	634.3	233.14	102.57	471.46	510.09	887.1	609.4	TOTAL
MEAN	13.7	48.4	72.5	45.9	24.7	21.1	7.52	3.31	15.7	16.5	29.6	19.7	MEAN
MAX	17.2	189	181	62.5	30.3	25.0	19.8	5.92	27.2	40.0	40.1	25.6	MAX
MIN	9.60	9.28	23.4	28.4	19.4	17.9	2.32	2.25	2.77	7.01	24.0	15.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 26.4
MAXIMUM DAILY, 189 ON FEB 27
MINIMUM DAILY, 2.25 ON AUG 5
MAXIMUM INSTANTANEOUS,
190 AT 03:05 EST ON FEB 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 28 54 N
LONG 77 41 08 W
DRAINAGE AREA, 1 990 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	36 700	JUL	20 100
FEB	117 000	AUG	8 860
MAR	194 000	SEP	40 700
APR	119 000	OCT	44 100
MAY	66 000	NOV	76 600
JUN	54 800	DEC	52 700

TOTAL DISCHARGE, 831 000 dam³

CROWE RIVER NEAR GLEN ALDA - STATION NO. 02HK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.98B	3.55B	44.1	15.1	10.6	6.14	3.34	1.13	0.936	2.32	4.13	4.32B	1
2	3.97B	3.54B	42.9	17.1	10.2	5.91	3.11	1.09	0.993	2.28	4.11	4.50	2
3	3.96B	3.53B	41.2	19.1	9.63	5.78	3.00	1.14	1.03	2.25	4.14	4.52	3
4	3.95B	3.51B	37.9	21.5	9.34	5.95	2.97	1.05	1.45	2.27	4.07	4.46	4
5	3.93B	3.50B	34.7	25.2	9.04	6.50	2.95	1.22	2.56	2.27	4.08	4.45	5
6	3.91B	3.49B	32.1	27.7	8.49	6.67	2.96	1.17	3.22	2.46	4.20	4.40	6
7	3.90B	3.48B	29.7	28.2	7.24	6.75	2.88	1.16	1.87	2.54	4.28	4.13B	7
8	3.90B	3.47B	27.7	27.3	6.87	6.60	2.83	1.20	4.07	2.50	4.28	4.29	8
9	3.89B	3.46B	25.0	24.4	6.60	6.56	2.89	1.25	4.31	2.39	4.21	4.34B	9
10	3.88B	3.54B	22.3	21.4	6.35	6.19	2.79	1.34	4.65	2.40	4.18	4.00	10
11	3.87B	3.88B	20.6	20.0	6.64	5.66	2.66	1.64	4.85	2.31	4.23	4.19	11
12	3.86B	3.87B	18.7	17.9	7.81	5.29	2.45	1.55	4.65	2.27	4.22	4.48	12
13	3.85B	3.86B	17.7	16.7	9.15	5.04	2.34	1.38	3.90	2.22	4.20	4.34	13
14	3.83B	3.85B	16.5 B	16.4	9.91	4.89	2.22	1.25	3.60	2.24	4.15	4.32	14
15	3.82B	3.84B	15.1	16.4	10.8	4.81	2.15	1.38	3.37	2.42	4.15	4.27	15
16	3.81B	3.86B	14.1	15.9	11.1	4.59	2.03	1.45	3.26	2.72	4.13	4.18	16
17	3.79B	3.90B	13.5 B	15.2	11.1	4.24	1.94	1.46	3.19	2.94	4.10	3.07	17
18	3.77B	3.94B	13.0 B	14.6	11.1	3.95	1.91	1.32	3.11	3.13	4.16	3.34	18
19	3.76B	4.08B	12.5 B	14.3	11.1	3.74	1.85	1.17	3.08	3.35	4.15	3.92	19
20	3.75B	4.26B	11.9	13.8	10.9	3.61	1.78	1.11	3.16	3.38	4.18	4.11	20
21	3.74B	4.85B	11.3	13.1	10.2	3.47	1.70	1.05	3.36	3.48	4.28	4.06	21
22	3.73B	6.45B	10.9	12.7	8.31	3.68	1.61	1.00	3.05	3.75	4.36	3.94	22
23	3.71B	12.6	10.6	12.4	7.33	4.23	1.52	0.953	2.60	3.81	4.31	3.88	23
24	3.69B	24.9	10.3	12.3	7.00	4.12	1.45	0.911	2.44	3.76	4.02B	3.93	24
25	3.69B	32.8	10.1	12.2	7.08	3.84	1.43	0.850	2.32	3.67	4.02	3.91	25
26	3.69B	37.6	9.72	11.9	6.79	3.55	1.36	0.817	2.33	3.69	4.12	3.87	26
27	3.69B	38.0	9.36	11.5	6.35	3.42	1.32	0.808	2.51	3.87	4.35	3.83	27
28	3.65B	42.7	9.12	11.3	6.20	3.55	1.27	0.795	2.58	4.25	4.53	3.81	28
29	3.62B		8.83	11.2	6.28	3.70	1.32	0.854	2.56	4.30	4.47	3.83	29
30	3.58B		10.6	11.0	6.59	3.87	1.30	0.847	2.43	4.25	4.37	3.78	30
31	3.56B		13.9		6.44		1.22	0.871		4.14		3.78	31
TOTAL	117.73	274.31	605.93	507.8	262.54	146.30	66.55	35.216	89.439	93.67	126.18	126.25	TOTAL
MEAN	3.80	9.80	19.5	16.9	8.47	4.88	2.15	1.14	2.98	3.02	4.21	4.07	MEAN
MAX	3.98	42.7	44.1	28.2	11.1	6.75	3.34	1.64	4.85	4.30	4.53	4.52	MAX
MIN	3.56	3.46	8.83	11.0	6.20	3.42	1.22	0.795	0.936	2.22	4.02	3.07	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.72
MAXIMUM DAILY, 44.1 ON MAR 1
MINIMUM DAILY, 0.795 ON AUG 28
MAXIMUM INSTANTANEOUS,
44.4 AT 16:46 EST ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 50 40 N
LONG 77 55 52 W
DRAINAGE AREA, 456 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 200	JUL	5 750
FEB	23 700	AUG	3 040
MAR	52 400	SEP	7 730
APR	43 900	OCT	8 090
MAY	22 700	NOV	10 900
JUN	12 600	DEC	10 900

TOTAL DISCHARGE, 212 000 dam³

CURRENT RIVER NEAR STEPSTONE - STATION NO. 02AB015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.37 B	0.925B	1.07 B	4.40	15.6	5.52	8.38	0.78.	0.382	0.353	1.65	1.42	1
2	1.36 B	0.910B	1.04 B	5.33	14.8	7.78	7.36	0.758	0.387	0.401	1.67	1.41	2
3	1.35 B	0.900B	1.03 B	6.38	17.2	11.4	6.58	0.723	0.384	0.450	1.65	1.39	3
4	1.34 B	0.895B	1.00 B	7.53	18.5	14.2	6.08	0.700	0.377	0.477	1.66	1.40	4
5	1.33 B	0.875B	0.990B	8.58	18.1	13.6	5.35	0.686	0.368	0.513	1.67	1.34	5
6	1.32 B	0.865B	0.970B	8.82	16.5	12.0	4.75	0.643	0.333	0.686	1.61	1.33	6
7	1.32 B	0.855B	0.955B	9.42	15.1	10.2	4.24	0.635	0.323	0.681	1.51	1.36	7
8	1.31 B	0.845B	0.940B	11.4	13.6	10.7	3.78	0.641	0.338	0.702	1.47	1.30	8
9	1.30 B	0.835B	0.925B	14.7	12.8	13.1	3.55	0.638	0.347	0.704	1.39	1.21	9
10	1.29 B	0.825B	0.910B	19.8	11.8	16.5	3.18	0.633	0.354	0.705	1.35	1.19B	10
11	1.28 B	0.817B	0.900B	26.4	11.3	16.3	2.90	0.634	0.355	0.705	1.33	1.18B	11
12	1.27 B	0.810B	0.885B	29.3	10.7	14.1	2.68	0.618	0.347	0.711	1.30	1.17B	12
13	1.25 B	0.808B	0.875B	30.7	9.99	12.5	2.52	0.597	0.349	0.727	1.29	1.16B	13
14	1.23 B	0.808B	0.865B	34.8	9.19	12.3	2.40	0.576	0.338	0.860	1.29	1.15B	14
15	1.22 B	0.810B	0.855B	33.8	8.51	13.1	2.27	0.572	0.328	1.05	1.30	1.14B	15
16	1.20 B	0.819B	0.845B	31.6	7.75	13.1	2.18	0.575	0.318	1.09	1.36	1.13B	16
17	1.18 B	0.825B	0.838B	36.4	6.96	11.8	2.10	0.554	0.314	1.12	1.43	1.12B	17
18	1.15 B	0.860B	0.834B	40.2	6.57	11.0	1.99	0.527	0.304	1.37	1.43	1.11B	18
19	1.13 B	0.915B	0.825B	37.6	6.17	10.1	1.80	0.503	0.304	1.53	1.39	1.10B	19
20	1.12 B	0.949B	0.825B	32.1	5.80	9.31	1.63	0.477	0.284	1.55	1.35B	1.09B	20
21	1.10 B	1.02 B	0.830B	27.5	5.27	8.63	1.50	0.467	0.270	1.56	1.31	1.08B	21
22	1.08 B	1.08 B	0.840B	23.9	4.85	7.86	1.37	0.431	0.261	1.56	1.21	1.08B	22
23	1.06 B	1.14 B	0.860B	22.9	4.59	6.93	1.24	0.421	0.248	1.58	1.29	1.07B	23
24	1.04 B	1.17 B	0.915B	22.3	4.57	7.21	1.16	0.412	0.238	1.53	1.28	1.07B	24
25	1.03 B	1.17 B	0.990B	20.3	6.23	8.56	1.10	0.385	0.257	1.52	1.31	1.06B	25
26	1.01 B	1.16 B	1.07 B	18.7	7.40	8.59	1.06	0.381	0.276	1.47	1.40	1.05B	26
27	1.00 B	1.15 B	1.27	18.1	7.40	7.93	0.988	0.380	0.322	1.48	1.51	1.04B	27
28	0.985B	1.13 B	1.65	17.4	6.98	7.87	0.936	0.384	0.355	1.45	1.51	1.04B	28
29	0.965B		2.03	17.1	6.67	8.56	0.886	0.389	0.351	1.46	1.46	1.03B	29
30	0.955B		2.53	16.4	6.48	8.84	0.837	0.389	0.339	1.57	1.42	1.03B	30
31	0.940B		3.07		5.83		0.808	0.386		1.64		1.02B	31
TOTAL	36.485	26.171	34.432	633.86	303.21	319.59	87.605	16.893	9.751	33.125	42.80	36.27	TOTAL
MEAN	1.18	0.935	1.11	21.1	9.78	10.7	2.83	0.545	0.325	1.07	1.43	1.17	MEAN
MAX	1.37	1.17	3.07	40.2	18.5	16.5	8.38	0.782	0.387	1.64	1.67	1.42	MAX
MIN	0.940	0.808	0.825	4.40	4.57	5.52	0.808	0.380	0.238	0.353	1.21	1.02	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.33
MAXIMUM DAILY, 40.2 ON APR 18
MINIMUM DAILY, 0.238 ON SEP 24
MAXIMUM INSTANTANEOUS,
40.6 AT 13:36 EST ON APR 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 32 10 N
LONG 89 14 10 W
DRAINAGE AREA, 492 km²

B - ICE CONDITIONS

REGULATED SINCE 1972

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 150	JUL	7 570
FEB	2 260	AUG	1 460
MAR	2 970	SEP	842
APR	54 800	OCT	2 860
MAY	26 200	NOV	3 700
JUN	27 600	DEC	3 130

TOTAL DISCHARGE, 137 000 dam³

DEDRICK CREEK NEAR PORT ROWAN - STATION NO. 02GC013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.375B	0.400B	2.54	1.03	1.86	0.509	1.54	0.326	0.208	3.12	0.895	0.761	1
2	0.368B	0.840B	2.07	0.882	1.35	0.454	1.31	0.298	0.223	3.96	0.789	1.18	2
3	0.365B	0.780B	1.66	0.774	1.15	1.05	0.766	0.507	0.403	2.20	0.731	1.14	3
4	0.363B	0.710B	1.38	0.704	1.00	1.16	0.549	1.31	0.824	1.41	0.699	0.937	4
5	0.359B	0.640B	1.28	0.707	0.892	0.779	1.06	0.806	0.748	1.12	0.665	0.782	5
6	0.356B	0.577B	1.27	0.685	0.871	0.578	3.67	0.631	0.539	1.04	0.744	0.694	6
7	0.353B	0.540B	1.16	0.556	0.787	0.487	1.32	0.453	0.474	0.98C	0.965	0.655	7
8	0.350B	0.500B	1.10	0.578	0.704	0.443	0.743	0.401	0.709	0.902	0.921	0.674	8
9	0.347B	0.460B	1.09	0.576	0.666	0.448	0.530	0.365	0.763	0.780	0.788	0.656	9
10	0.345B	0.440B	1.06	0.585	0.729	0.438	0.458	0.290	0.491	0.721	0.694	0.620B	10
11	0.343B	1.50 B	1.07	0.495	1.09	0.406	0.405	0.332	0.376	0.688	0.651	0.507	11
12	0.342B	1.35 B	1.03	0.662	1.26	0.403	0.387	0.403	0.322	0.627	0.634	0.461	12
13	0.339B	1.28 B	0.953	0.797	1.07	0.371	0.339	0.343	0.289	0.587	0.591	0.425	13
14	0.337B	1.20 B	0.888	1.96	0.911	0.465	0.275	0.330	0.266	0.562	0.580	0.428	14
15	0.335B	1.15 B	0.815	2.47	1.05	0.513	0.204	0.337	0.235	0.550	0.581	0.438	15
16	0.333B	1.40 B	0.805	1.67	1.58	0.469	0.184	0.404	0.216	0.517	0.576	0.450	16
17	0.331B	2.00 B	0.763	1.82	1.27	0.398	0.148	0.346	1.21	0.472	0.559	0.412	17
18	0.330B	4.80 B	0.702	2.01	0.924	0.328	0.152	0.253	2.75	0.560	0.571	0.399B	18
19	0.328B	5.24	0.673	1.79	0.799	0.262	0.159	0.219	2.06	0.768	0.578	0.389B	19
20	0.326B	6.03	0.674	1.35	0.728	0.269	0.142	0.189	1.42	0.757	1.00	0.390B	20
21	0.325B	5.20	0.669	1.07	0.658	0.362	0.167	0.177	1.14	0.674	1.91	0.392B	21
22	0.323B	3.59	0.754	0.885	0.528	2.45	0.145	0.187	2.77	0.795	1.53	0.435B	22
23	0.321B	4.42	0.842	1.75	0.598	2.88	0.130	0.197	2.48	1.00	1.13	1.03	23
24	0.320B	5.63	0.878	2.38	0.589	1.61	0.119	0.167	1.39	0.988	0.950	1.39	24
25	0.318B	3.71	0.809	2.07	0.544	1.11	0.089	0.144	1.11	0.832	0.839	1.02	25
26	0.320B	2.65	0.788	1.55	0.528	1.29	0.157	0.125	0.846	0.800	0.764	0.827	26
27	0.380B	2.14	1.06	1.22	0.523	0.861	0.193	0.109	0.762	1.30	0.788	0.701	27
28	0.360B	2.37	1.05	2.04	0.582	0.610	0.472	0.108	0.640	1.98	0.789	0.690	28
29	0.340B		0.916	3.62	0.603	0.495	0.946	0.141	0.572	1.55	0.707	0.637	29
30	0.315B		0.957	2.88	0.589	0.564	0.678	0.200	0.498	1.17	0.664	0.589	30
31	0.330B		1.16		0.588		0.405	0.201		0.988		0.589	31
TOTAL	10.577	61.[illegible]7	32.866	41.166	26.981	22.462	17.842	10.299	26.734	34.401	24.283	20.698	TOTAL
MEAN	0.341	2.20	1.06	1.37	0.870	0.749	0.576	0.332	0.891	1.11	0.809	0.668	MEAN
MAX	0.380	6.03	2.54	3.62	1.86	2.88	3.67	1.31	2.77	3.96	1.91	1.39	MAX
MIN	0.315	0.400	0.669	0.495	0.523	0.262	0.089	0.108	0.208	0.472	0.559	0.389	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.904
MAXIMUM DAILY, 6.03 ON FEB 20
MINIMUM DAILY, 0.089 ON JUL 25
MAXIMUM INSTANTANEOUS,
6.38 AT 01:00 EST ON FEB 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 37 41 N
LONG 80 28 20 W
DRAINAGE AREA, 75.9 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	974	JUL	1 540
FEB	5 320	AUG	890
MAR	2 840	SEP	2 310
APR	3 560	OCT	2 970
MAY	2 330	NOV	2 100
JUN	1 940	DEC	1 790

TOTAL DISCHARGE, 28 500 dam³

DEPOT CREEK AT BELLROCK - STATION NO. 02HM002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.37B	1.18B	4.80 B	0.969	0.511	2.33	1.46	1.36	1.84	6.67	3.19	3.48	1
2	1.37B	1.18B	4.66 B	1.00	0.588	2.08	1.42	1.37	1.87	7.04	2.88	4.03	2
3	1.36B	1.17B	4.60 B	0.943	0.714	1.98	1.43	1.43	1.88	7.35	2.61	4.07	3
4	1.36B	1.16B	5.35 B	0.915	0.824	2.17	1.39	1.45	2.05	7.38	2.28	4.07	4
5	1.35B	1.16B	6.30 B	0.932	0.940	2.36	1.43	1.60	3.14	7.27	2.20	4.04	5
6	1.35B	1.24B	7.25	0.942	1.07	2.45	1.43	1.53	3.22	7.22	2.32	3.97	6
7	1.34B	1.52B	7.36	1.01	1.34	2.38	1.36	1.47	3.45	7.22	2.55	3.90	7
8	1.33B	1.85B	7.38	0.984	1.47	2.30	1.33	1.45	6.85	7.09	2.53	3.91	8
9	1.33B	1.87B	7.49	0.970	1.36	2.64	1.36	1.44	7.17	6.71	2.64	3.95	9
10	1.32B	1.89B	6.63	0.937	1.22	2.76	1.29	1.43	7.11	6.65	2.30	4.45	10
11	1.32B	2.85B	5.90	0.928	1.57	2.71	1.29	1.50	7.45	6.49	2.17	4.80	11
12	1.31B	3.70B	4.81	0.894	1.99	2.63	1.30	1.49	7.16	6.34	2.06	4.86	12
13	1.30B	3.52B	3.94	0.838	2.12	2.41	1.43	1.49	6.93	6.07	1.85	4.84	13
14	1.29B	3.25B	2.95	0.832	2.03	2.32	1.33	1.40	6.70	4.03	1.92	4.80	14
15	1.28B	3.12B	2.22	0.726	1.91	2.24	1.27	2.25	6.51	2.17	1.90	4.74	15
16	1.28B	3.10B	1.91	0.676	1.84	2.23	1.26	2.46	6.70	1.96	1.93	4.67	16
17	1.27B	4.00B	1.81	0.595	1.75	2.16	1.24	2.08	6.77	1.75	1.98	4.63	17
18	1.27B	5.20B	1.48 B	0.710	1.64	1.90	1.35	1.95	6.73	1.77	1.95	4.55	18
19	1.26B	6.60B	1.62	0.722	1.54	1.57	1.33	1.92	6.96	1.78	1.91	4.50B	19
20	1.25B	8.60B	1.50	0.699	1.48	1.45	1.34	1.90	7.00	1.71	1.93	4.46B	20
21	1.25B	11.7 B	1.62	0.661	1.42	1.40	1.40	1.87	6.93	1.69	2.02	4.37	21
22	1.24B	11.3 B	1.65	0.649	1.39	1.82	1.30	1.83	6.71	1.79	2.05	4.27	22
23	1.24B	10.1	1.71	0.586	1.33	2.32	1.32	1.82	6.65	2.16	1.96	3.52	23
24	1.23B	10.4 B	1.78	0.613	1.27	2.28	1.30	1.79	6.45	2.24	1.85	2.37	24
25	1.22B	7.10B	1.55	0.646	1.24	2.05	1.30	1.77	6.34	2.24	2.07	2.11	25
26	1.22B	5.84B	1.26	0.661	1.25	1.96	1.31	1.74	6.49	2.36	2.32	1.83	26
27	1.21B	5.45B	1.08	0.643	1.28	1.78	1.25	1.75	6.94	3.13	2.74	1.78B	27
28	1.21B	5.20B	0.896	0.623	2.47	1.63	1.45	1.75	7.16	4.62	2.91	1.77B	28
29	1.20B		0.803	0.605	3.11	1.53	1.64	1.74	6.97	4.57	2.95	1.75B	29
30	1.20B		0.744	0.552	3.24	1.43	1.50	1.76	6.77	4.18	2.97	1.73B	30
31	1.19B		0.926		2.81		1.42	1.85		3.64		1.72B	31
TOTAL	39.72	125.25	103.979	23.461	48.717	63.27	42.33	52.64	174.90	137.29	68.94	113.88	TOTAL
MEAN	1.28	4.47	3.35	0.782	1.57	2.11	1.37	1.70	5.83	4.43	2.30	3.67	MEAN
MAX	1.37	11.7	7.49	1.01	3.24	2.76	1.64	2.46	7.45	7.38	3.19	4.86	MAX
MIN	1.19	1.16	0.744	0.552	0.511	1.40	1.24	1.36	1.84	1.69	1.85	1.72	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.72
MAXIMUM DAILY, 11.7B ON FEB 21
MINIMUM DAILY, 0.511 ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 28 17 N
LONG 76 45 46 W
DRAINAGE AREA, 189 km²

B - ICE CONDITIONS

REGULATED SINCE 1957

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 430	JUL	3 660
FEB	10 800	AUG	4 550
MAR	8 980	SEP	15 100
APR	2 030	OCT	11 900
MAY	4 210	NOV	5 960
JUN	5 470	DEC	9 840

TOTAL DISCHARGE, 85 900 dam³

DETROIT RIVER AT AMHERSTBURG - STATION NO. 02GH008

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	174.31	174.49	174.38	174.65	---	174.83	174.76	174.68	174.62	174.62	174.65	1
2	---	174.17	174.43	174.49	174.63	---	174.82	174.74	174.69	174.59	174.61	174.36	2
3	---	174.16	174.47	174.44	174.66	---	174.80	174.73	174.72	174.70	174.63	174.48	3
4	---	174.22	174.50	174.45	174.63	---	174.78	174.69	174.62	174.72	174.61	174.53	4
5	---	174.24	174.49	174.34	174.61	---	174.78	174.71	174.69	174.69	174.59	174.47	5
6	---	174.24	174.47	174.44	174.66	---	174.78	174.75	174.73	174.52	174.39	174.49	6
7	---	174.29	174.43	174.47	174.64	---	174.76	174.75	174.74	174.52	174.50	174.46	7
8	---	174.19	174.48	174.46	174.66	---	174.75	174.70	174.64	174.66	174.56	174.36	8
9	---	174.25	174.46	174.46	174.62	---	174.74	174.72	174.68	174.70	174.58	174.39	9
10	---	174.36	174.46	174.48	174.65	---	174.78	174.72	174.61	174.72	174.55	174.39	10
11	---	174.29	174.42	174.49	174.65	---	174.76	174.70	174.65	174.69	174.53	174.45	11
12	---	174.26	174.40	174.63	174.61	---	174.75	174.71	174.67	174.72	174.61	174.51	12
13	---	174.34	174.42	174.55	174.64	---	174.74	174.70	174.69	174.69	174.58	174.48	13
14	---	174.35	174.40	174.49	174.71	---	174.77	174.71	174.67	174.65	174.57	174.50	14
15	174.20	174.37	174.38	174.55	174.65	---	174.77	174.70	174.71	174.59	174.56	174.47	15
16	174.19	174.39	174.46	174.56	174.65	---	174.76	174.73	174.72	174.61	174.55	174.41	16
17	174.19	174.41	174.38	---	174.71	174.70	174.74	174.76	174.73	174.64	174.50	174.54	17
18	174.18	174.41	---	---	---	174.74	174.74	174.76	174.73	174.28	174.50	174.41	18
19	174.20	174.41	---	---	---	174.73	174.73	174.76	174.59	174.45	174.60	174.38	19
20	174.23	174.41	---	---	---	174.78	174.74	174.75	174.67	174.46	174.44	174.41	20
21	174.23	174.46	---	---	---	174.74	174.77	174.73	174.75	174.63	174.38	174.43	21
22	174.16	174.50	---	---	---	174.69	174.77	174.71	174.74	174.63	174.47	174.49	22
23	174.23	174.51	---	---	---	174.76	174.78	174.68	174.71	174.50	174.54	174.45	23
24	174.25	174.48	---	---	---	174.79	174.77	174.68	174.68	174.60	174.60	174.36	24
25	174.27	174.51	---	---	---	174.71	174.74	174.73	174.69	174.61	174.58	174.46	25
26	174.21	174.52	---	---	---	174.77	174.73	174.70	174.66	174.63	174.61	174.54	26
27	174.28	174.54	---	---	---	174.79	174.77	174.71	174.50	174.64	174.30	174.42	27
28	174.31	174.47	---	---	---	174.78	174.75	174.70	174.55	174.66	174.44	174.50	28
29	174.28		---	---	---	174.77	174.74	174.70	174.65	174.71	174.47	174.45	29
30	174.31		174.45	---	---	174.77	174.77	174.67	174.75	174.68	174.55	174.48	30
31	174.32		174.50		---		174.78	174.68		174.65		174.53	31
MEAN	---	174.36	---	---	---	---	174.76	174.72	174.68	174.62	174.53	174.46	MEAN
MAX	---	174.54	---	---	---	---	174.83	174.76	174.75	174.72	174.63	174.65	MAX
MIN	---	174.16	---	---	---	---	174.73	174.67	174.50	174.28	174.30	174.36	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 174.83 ON JUL 1

MAXIMUM INSTANTANEOUS,
175.01 AT 04:05 EST ON NOV 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 08 40 N
LONG 83 06 52 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 11995 AMHERSTBURG, ONT

DETROIT RIVER AT LA SALLE - STATION NO. 02GH007

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	174.45	174.54	174.65	174.55	174.77	---	174.91	174.89	174.82	---	174.77	174.73	1
2	174.33	174.45	174.61	174.56	174.77	---	174.93	174.87	174.82	174.72	174.76	174.53	2
3	174.35	174.40	174.62	174.60	174.78	---	174.92	174.87	174.83	174.81	174.76	174.57	3
4	174.28	174.44	174.64	174.57	174.77	---	174.91	174.84	174.79	174.86	174.74	174.64	4
5	174.23	174.46	174.64	174.49	174.76	---	174.91	174.82	174.79	174.84	174.74	174.61	5
6	174.29	174.46	174.62	174.53	174.76	---	174.91	174.84	174.83	174.71	174.55	174.63	6
7	174.24	174.50	174.59	174.60	174.77	---	174.90	174.86	174.85	174.64	174.62	174.62	7
8	174.27	174.45	174.61	174.61	174.77	---	174.89	174.86	174.81	174.75	174.68	174.51	8
9	174.29	174.44	174.61	174.59	174.76	---	174.87	174.85	174.81	174.81	174.70	174.52	9
10	174.28	174.55	174.60	174.62	174.77	---	174.88	174.86	174.74	174.84	174.71	174.53	10
11	174.28	174.58	174.58	174.62	174.77	---	174.89	174.84	174.76	174.83	174.65	174.56	11
12	174.27	174.48	174.55	174.71	174.76	---	174.89	174.84	174.79	174.84	174.72	174.62	12
13	174.30	174.55	174.57	174.68	174.77	---	174.89	174.83	174.81	174.83	174.70	174.62	13
14	174.33	174.59	174.55	174.60	174.80	---	174.89	174.83	174.79	174.79	174.70	174.63	14
15	174.35	174.61	174.53	174.65	174.80	---	174.89	174.81	174.82	174.75	174.70	174.61	15
16	174.37	174.59	174.59	174.70	174.78	174.81	174.89	174.82	174.83	174.73	174.69	174.57	16
17	174.39	174.58	174.49	174.69	174.80	174.80	174.87	174.85	174.85	174.77	174.66	174.61	17
18	174.36	174.57	174.57	174.67	174.82	174.85	174.87	174.86	174.86	174.50	174.62	174.58	18
19	174.38	174.56	174.58	174.71	174.82	174.85	174.87	174.87	174.77	174.46	174.69	174.52	19
20	174.40	174.57	174.52	174.72	174.80	174.87	174.87	174.87	174.75	174.57	174.56	174.55	20
21	174.41	174.61	174.57	174.74	174.79	174.85	174.88	174.87	---	174.70	174.48	174.57	21
22	174.36	174.65	174.62	174.76	174.77	174.78	174.89	174.86	---	174.76	174.58	174.61	22
23	174.41	174.67	174.61	174.71	174.78	174.80	174.90	174.83	---	174.69	174.64	174.58	23
24	174.44	174.66	174.60	174.62	174.78	174.86	174.90	174.80	---	174.69	174.71	174.50	24
25	174.47	174.66	174.60	174.65	174.77	174.84	174.89	174.82	---	174.75	174.69	174.56	25
26	174.46	174.68	174.61	174.70	174.77	174.86	174.85	174.82	---	174.76	174.72	174.63	26
27	174.48	174.69	174.60	174.72	174.78	174.88	174.86	174.82	---	174.78	174.44	174.60	27
28	174.53	174.64	174.62	174.75	174.79	174.90	174.86	174.83	---	174.79	174.53	174.56	28
29	174.52		174.60	174.74	174.78	174.89	174.84	174.83	---	174.83	174.59	174.59	29
30	174.52		174.58	174.75	174.75	174.89	174.87	174.81	---	174.82	174.64	174.60	30
31	174.53		174.60		174.77		174.88	174.81		174.80		174.66	31
MEAN	174.37	174.56	174.59	174.65	174.78	---	174.89	174.84	---	---	174.66	174.59	MEAN
MAX	174.53	174.69	174.65	174.76	174.82	---	174.93	174.89	---	---	174.77	174.73	MAX
MIN	174.23	174.40	174.49	174.49	174.74	---	174.84	174.80	---	---	174.44	174.50	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 174.93 ON JUL 2
MINIMUM DAILY, 174.23 ON JAN 5
MAXIMUM INSTANTANEOUS,
174.94 AT 19:45 EST ON JUL 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 14 30 N
LONG 83 06 19 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 11985 LA SALLE, ONT

DINGMAN CREEK BELOW LAMBETH - STATION NO. 02GE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.180B	0.165B	3.93	1.85	2.56	0.219	0.304	0.108	3.00 E	4.74	0.652	1.16	1
2	0.175B	0.180B	2.87	1.40	1.72	0.210	0.219	0.098	6.40 E	4.55	0.694	4.24	2
3	0.172B	0.205B	2.05	1.08	1.21	0.192	0.183	0.252	5.00 E	1.06	0.508	2.67	3
4	0.170B	0.210B	1.73	0.906	1.05	2.28	0.180	0.984	6.60 E	0.466	0.562	1.70 E	4
5	0.165B	0.212B	1.54	0.756	0.898	0.454	0.231	0.914	4.00 E	0.272	0.460	1.08	5
6	0.162B	0.212B	1.46	0.664	0.770	0.310	0.228	0.195	2.50 E	0.222	1.00	1.34	6
7	0.160B	0.205B	1.24	0.580E	0.714	0.352	0.292	0.580	1.50 E	0.616	2.55	1.34	7
8	0.158B	0.200B	0.984	0.526	0.598	0.204	0.222	0.556	0.900E	1.08	1.63	1.25	8
9	0.156B	0.185B	1.10 E	0.502	1.31	0.225	0.174	0.216	0.400E	0.526	1.63	0.900B	9
10	0.154B	0.164B	1.23	0.508	0.610	0.201	0.150	0.150	0.292	0.340	0.906	0.700B	10
11	0.150B	0.160B	0.948	0.794	1.25	0.183	0.132	0.508	0.272	0.260	0.756	0.580B	11
12	0.148B	0.500B	0.930	0.592	1.26	0.174	0.129	1.18	0.234	0.177	0.628	0.500B	12
13	0.144B	2.10 B	1.17	0.592	0.866	0.168	0.112	0.352	0.234	0.174	0.562	0.450B	13
14	0.142B	1.85 B	0.984	8.51	0.707	0.898	0.180	0.298	0.207	0.207	0.538	0.419B	14
15	0.140B	1.70 B	0.800B	3.63	0.930	0.930	0.080	1.60	0.300E	0.207	0.171	0.400B	15
16	0.140B	1.62 B	0.720B	1.89	1.17	0.472	0.252	0.556	0.450E	0.210	0.484	0.385B	16
17	0.138B	4.00 B	0.660B	1.78	0.818	0.670	0.098	0.240	0.616	0.165	0.472	0.375B	17
18	0.136B	10.0 B	0.640B	12.7	0.664	0.276	0.248	0.195	1.02	0.370	0.478	0.365B	18
19	0.135B	13.0 B	0.620B	4.30	0.634	0.244	0.159	0.159	0.340	2.90	0.460	0.360B	19
20	0.134B	11.5 B	0.610B	2.29	0.502	0.260	0.756	0.141	0.234	1.42	2.27	0.355B	20
21	0.132B	11.0 B	0.610B	1.63	0.484	0.604	0.264	0.138	0.228	0.400	3.48	0.355B	21
22	0.132B	10.5 B	0.640B	1.25	0.448	3.97	0.177	0.400	2.35	1.20	2.10	0.600B	22
23	0.132B	19.8	0.802	7.71	0.400	1.38	0.104	0.118	0.858	8.57	1.60	1.10 B	23
24	0.132B	18.7	0.794	8.41	0.346	0.670	0.096	0.280	0.496	3.07	1.26	0.950B	24
25	0.138B	7.53	0.842	4.18	0.304	0.526	0.092	0.174	0.382	1.71	0.984	0.780B	25
26	0.150B	4.23	0.810	2.51	0.472	0.532	0.586	0.162	0.358	1.27	0.874	0.660B	26
27	0.165B	3.23	1.53	1.88	0.484	0.240	0.116	0.153	0.352	1.06	2.42	0.580B	27
28	0.175B	4.74	1.17	6.26	0.526	0.198	0.192	0.100	0.264	3.81	1.71	0.540B	28
29	0.180B		1.07	8.97	0.207	0.195	0.430	0.126	0.248	1.84	1.32	0.520B	29
30	0.175B		1.75	4.86	0.264	0.260	0.174	0.340	0.225	1.07	1.13	0.500B	30
31	0.160B		2.90		0.264		0.138	0.586		0.786		0.490B	31
TOTAL	4.730	128.098	39.134	93.510	24.440	17.497	6.698	11.859	40.260	48.748	34.289	27.644	TOTAL
MEAN	0.153	4.57	1.26	3.12	0.788	0.583	0.216	0.383	1.34	1.44	1.14	0.892	MEAN
MAX	0.180	19.8	3.93	12.7	2.56	3.97	0.756	1.60	6.60	8.57	3.48	4.24	MAX
MIN	0.132	0.160	0.610	0.502	0.207	0.168	0.080	0.098	0.207	0.165	0.171	0.355	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.30
MAXIMUM DAILY, 19.8 ON FEB 23
MINIMUM DAILY, 0.080 ON JUL 15

TYPE OF GAUGE - MANUAL
LOCATION - LAT 42 56 02 N
LONG 81 21 05 W
DRAINAGE AREA, 146 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	409	JUL	579
FEB	11 100	AUG	1 020
MAR	3 380	SEP	3 480
APR	8 080	OCT	3 870
MAY	2 110	NOV	2 960
JUN	1 510	DEC	2 390

TOTAL DISCHARGE, 40 900 dam³

DON RIVER AT TODMORDEN - STATION NO. 02HC024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.54	2.14	3.80	2.99	1.70	1.71	3.83	1.77	3.26	8.17	2.87	3.18	1
2	1.50	8.32	3.37	2.59	1.65	1.73	1.67E	1.64	12.8	3.01	2.66	3.22	2
3	1.38	1.83	2.85	2.27	1.60	11.2	2.20E	2.45	8.17	2.17	2.54	2.60	3
4	1.38	1.61	2.54	2.15	1.65	3.76	3.90E	12.5	38.5	2.01	2.36	2.44	4
5	1.38	1.52	2.48	2.10	2.37	2.11	3.25E	7.94	24.1	1.96	2.29	2.24	5
6	1.56	1.57	2.38	1.95	3.70	1.78	2.65E	2.73	8.22	15.6	2.92	2.14	6
7	1.71	1.60	2.30	1.89	1.95	1.55	2.27E	2.12	5.24	4.76	2.31	2.07	7
8	1.60	1.61	2.17	1.84	1.71	1.55	1.87E	5.12	3.99	3.32	2.15	2.79	8
9	1.65	1.53	2.20	2.00	1.64	1.67	1.59	2.29	3.46	2.51	2.08	2.20	9
10	1.60	1.59	2.30	1.79	2.37	5.35	1.55	2.03	2.64	2.14	1.97	1.81	10
11	1.49	51.4	2.36	1.96	35.8	2.45	1.49	8.21	2.39	1.95	2.04	2.17	11
12	1.36	8.28	2.14	1.73	8.31	1.79	1.45	6.01	2.19	1.82	1.92	1.89	12
13	1.35	5.08	2.14	1.72	6.65	1.62	1.41	2.68	2.03	1.79	1.78	1.86	13
14	1.37	3.86	2.03	13.3	4.24	1.83	1.37	2.14	1.99	1.73	1.77	1.89	14
15	1.49	3.73	2.00	2.97	3.18	1.59	1.42	22.3	1.87	3.90	1.79	2.03	15
16	1.62	9.08	2.04	2.27	2.64	5.16	1.44	5.11	1.83	2.29	12.3	2.00	16
17	1.59	21.4	1.93	4.54	2.23	3.96	1.52	3.00	3.85	1.90	6.03	1.87	17
18	1.55	28.6	1.73	3.35	2.04	2.02	1.61	2.33	2.28	18.8	3.70	1.64	18
19	1.66	33.3	1.87	1.89	1.94	1.69	13.3	1.93	1.95	4.55	3.92	1.73	19
20	1.76	33.0	1.98	1.79	1.91	1.54	8.07	1.75	2.24	2.97	13.2	1.57	20
21	1.62	19.5	1.86	1.78	1.90	3.50	2.77	1.71	6.59	5.62	8.70	1.72	21
22	1.61	7.45	1.78	1.73	1.85	11.1	2.10	1.62	7.05	15.5	4.49	2.57	22
23	1.65	11.9	1.78	3.58	1.79	3.79	1.76	1.57	2.50	10.6	3.84	8.52	23
24	1.69	11.6	1.85	3.97	1.73	2.34	1.52	1.95	2.13	5.46	3.44	3.37	24
25	1.68	9.50	1.93	2.21	1.79	1.99	1.48	1.62	1.89	4.21	2.94	2.07	25
26	3.86	5.55	1.85	1.78	2.73	1.68	1.43	1.64	3.31	7.08	2.92	1.95	26
27	3.79	3.68	1.98	1.76	3.62	1.59	1.49	1.69	2.33	22.0	8.09	2.18	27
28	2.05	6.14	1.84	1.76	8.11	1.47	17.5	11.0	1.94	12.3	3.39	2.49	28
29	1.68		1.79	2.77	2.58	1.46	9.09	3.60	1.83	7.75	2.83	2.21	29
30	1.44		8.29	1.91	2.71	1.55	2.77	9.34	1.75	6.31	2.46	1.96	30
31	1.55		3.61		1.98		2.08	3.70		3.22		1.97	31
TOTAL	53.15	296.37	75.17	80.34	120.07	86.53	101.85	135.49	164.32	187.40	115.70	74.35	TOTAL
MEAN	1.71	10.6	2.42	2.68	3.87	2.88	3.29	4.37	5.48	6.05	3.86	2.40	MEAN
MAX	3.86	51.4	8.29	13.3	35.8	11.2	17.5	22.3	38.5	22.0	13.2	8.52	MAX
MIN	1.35	1.52	1.73	1.72	1.60	1.46	1.37	1.57	1.75	1.73	1.77	1.57	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.08
MAXIMUM DAILY, 51.4 ON FEB 11
MINIMUM DAILY, 1.35 ON JAN 13
MAXIMUM INSTANTANEOUS,
129 AT 14:38 EST ON MAY 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 41 50 N
LONG 79 21 15 W
DRAINAGE AREA, 316 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 590	JUL	8 800
FEB	25 600	AUG	11 700
MAR	6 490	SEP	14 200
APR	6 940	OCT	16 200
MAY	10 400	NOV	10 000
JUN	7 480	DEC	6 420

TOTAL DISCHARGE, 129 000 dam³

DON RIVER AT YORK MILLS - STATION NO. 02HC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.194	0.341	0.928	0.847	0.285	0.306	0.504	0.344	0.631	1.06	0.480E	0.550E	1
2	0.191	0.710	0.868	0.718	0.266	0.260	0.300	0.277	1.63	0.717	0.450E	0.520E	2
3	0.180B	0.362	0.672	0.553	0.247	1.32	0.270	0.317	3.61	0.509	0.420E	0.480E	3
4	0.175B	0.267	0.554	0.469	0.225	0.677	0.316	1.35	6.48	0.379	0.400E	0.420E	4
5	0.175B	0.203	0.498	0.428	0.453	0.483	0.655	1.52	7.08	2.70 E	0.390E	0.390E	5
6	0.195B	0.203	0.446	0.401	0.471	0.356	0.513	0.877	4.20	0.350E	0.490E	0.370E	6
7	0.229	0.214	0.379	0.349	0.369	0.288	0.390	0.523	1.39	0.500E	0.400E	0.340E	7
8	0.227	0.220	0.379	0.328	0.293	0.257	0.286	0.378	0.864	0.600E	0.370E	0.440E	8
9	0.230	0.198	0.400	0.322	0.274	0.262	0.249	0.300	0.838	0.460E	0.350E	0.390E	9
10	0.212	0.220	0.404	0.287	0.434	0.782	0.230	0.310	0.592	0.365E	0.340E	0.300E	10
11	0.205	6.32	0.395	0.309	3.65	0.554	0.238	1.01	0.502	0.340E	0.328E	0.350E	11
12	0.174	4.03	0.393	0.282	3.48	0.376	0.217	1.02	0.416	0.325E	0.320E	0.330E	12
13	0.183	2.14	0.416	0.259	4.18	0.319	0.171	0.732	0.356	0.310E	0.308E	0.315E	13
14	0.188	0.941	0.406	1.41	1.23	0.290	0.139	0.485	0.335	0.300E	0.295E	0.305E	14
15	0.192	0.816	0.378	0.666	0.512	0.286	0.141	2.41	0.327	0.660E	0.299E	0.315E	15
16	0.194	1.69	0.363	0.530	0.555	0.795	0.158	1.59	0.305	0.460E	2.10 E	0.330E	16
17	0.193	3.75	0.332	0.715	0.501	0.925	0.146	1.06	0.485	0.320E	1.20 E	0.300E	17
18	0.208	8.32	0.309	1.63	0.425	0.591	0.183	0.625	0.340	3.15 E	0.630E	0.270E	18
19	0.236	16.5	0.292	0.349	0.354	0.384	0.540	0.422	0.327	1.40 E	0.800E	0.280E	19
20	0.211	8.97	0.316	0.334	0.322	0.294	1.95	0.326	0.355	0.500E	2.20 E	0.260E	20
21	0.207	8.30	0.305	0.322	0.298	0.524	0.726	0.267	0.947	0.800E	1.60 E	0.300E	21
22	0.217	1.35	0.274	0.308	0.290	1.70	0.463	0.275	1.03	2.60 E	0.850E	0.510E	22
23	0.215	3.67	0.268	0.539	0.284	1.16	0.293	0.268	0.618	1.80 E	0.660E	1.05 E	23
24	0.220	4.48	0.282	0.598	0.278	0.729	0.230	0.300	0.434	1.10 E	0.570E	0.780E	24
25	0.220	3.98	0.286	0.459	0.264	0.492	0.231	0.254	0.349	0.720E	0.510E	0.400E	25
26	0.509	1.63	0.284	0.370	0.374	0.355	0.219	0.247	0.516	1.40 E	0.480E	0.320E	26
27	0.539	0.898	0.291	0.335	0.571	0.295	0.191	0.247	0.418	3.70 E	1.40 E	0.360E	27
28	0.349	0.979	0.294	0.317	1.09	0.253	1.95	1.27	0.322	2.20 E	0.640E	0.380E	28
29	0.241		0.300	0.407	0.653	0.233	2.93	0.995	0.292	1.60 E	0.500E	0.350E	29
30	0.225		1.07	0.329	0.584	0.219	0.668	1.33	0.299	1.10 E	0.420E	0.325E	30
31	0.196		0.858		0.412		0.484	0.946		0.640E		0.380E	31
TOTAL	7.130	81.702	13.640	15.170	23.624	15.765	15.981	22.275	36.288	33.065	20.200	12.410	TOTAL
MEAN	0.230	2.92	0.440	0.506	0.762	0.526	0.516	0.719	1.21	1.07	0.673	0.400	MEAN
MAX	0.539	16.5	1.07	1.63	4.18	1.70	2.93	2.41	7.08	3.70	2.20	1.05	MAX
MIN	0.174	0.198	0.268	0.259	0.225	0.219	0.139	0.247	0.292	0.300	0.295	0.260	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.814
MAXIMUM DAILY, 16.5 ON FEB 19
MINIMUM DAILY, 0.139 ON JUL 14
MAXIMUM INSTANTANEOUS,
25.0 AT 00:38 EST ON SEP 5

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 44 21 N
LONG 79 24 05 W
DRAINAGE AREA, 88.1 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	616	JUL 1	380
FEB	7 060	AUG 1	920
MAR	1 180	SEP 3	140
APR	1 310	OCT 2	860
MAY	2 040	NOV 1	750
JUN	1 360	DEC 1	070

TOTAL DISCHARGE, 25 700 dam³

DUCHESNAY RIVER NEAR NORTH BAY - STATION NO. 02DD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.360B	0.300B	3.25	9.56	2.98	1.13	0.971	0.119	1.44	1.18	1.08	0.864	1
2	0.355B	0.300B	2.78	11.9	2.37	0.933	1.08	0.110	1.68	1.65	0.958	1.01	2
3	0.350B	0.300B	2.40 B	12.2	1.96	0.800	0.855	0.170	1.31	1.76	0.863	1.41	3
4	0.345B	0.295B	2.05 B	19.2 E	1.64	0.762	0.713	0.258	1.89	1.55	0.811	1.37	4
5	0.337B	0.290B	1.75 B	28.6 E	1.62	0.770	0.562	0.715	4.29	1.31	0.849	1.25 B	5
6	0.333B	0.290B	1.45 B	16.0	2.13	0.774	0.467	0.628	3.70	2.28	1.16	1.10 B	6
7	0.330B	0.290B	1.25 B	9.27	1.85	0.718	0.385	0.464	2.64	8.17	1.34	0.940B	7
8	0.325B	0.295B	1.12 B	7.85	1.58	0.775	0.320	0.350	1.88	8.10	1.20	0.820B	8
9	0.320B	0.295B	1.05 B	12.6	1.35	1.56	0.281	0.282	1.43	5.73	1.10	0.720B	9
10	0.317B	0.310B	1.04 B	12.4	1.29	1.43	0.246	0.250	3.76	3.87	0.940B	0.660B	10
11	0.313B	0.520B	1.03 B	8.80	2.65	1.40	0.231	0.204	3.77	2.58	0.870B	0.630B	11
12	0.310B	0.580B	1.00 B	6.82	5.83	1.14	0.208	0.184	4.44	1.88	0.850B	0.600B	12
13	0.308B	0.610B	0.950B	5.32	5.29	1.00	0.246	0.177	3.68	1.48	0.850B	0.580B	13
14	0.306B	0.605B	0.900B	7.16	4.37	0.903	0.252	0.165	2.68	1.25	0.887	0.560B	14
15	0.304B	0.602B	0.880B	8.15	3.51	1.59	0.239	0.170	1.95	1.55	0.896	0.550B	15
16	0.302B	0.600B	0.870B	6.07	4.21	3.47	0.199	0.191	1.36	2.46	0.919	0.540B	16
17	0.301B	0.660B	0.850B	4.52	3.41	2.95	0.188	0.210	1.00	2.09	1.56	0.530B	17
18	0.300B	0.729B	0.810B	3.66	2.58	2.07	0.183	0.211	0.807	9.26	2.53	0.520B	18
19	0.299B	0.880B	0.800B	3.04	1.97	1.41	0.168	0.172	0.950	12.9	2.22	0.520B	19
20	0.298B	1.48 B	0.790B	2.68	1.60	0.997	0.171	0.164	1.50	9.39	1.92	0.510B	20
21	0.298B	1.93 B	0.770B	2.26	1.35	0.792	0.189	0.152	1.40	6.78	1.73	0.509B	21
22	0.297B	2.09 B	0.760B	2.05	1.16	0.848	0.170	0.124	1.11	4.92	1.48	0.520B	22
23	0.297B	3.63 B	0.756B	1.90	0.999	1.16	0.167	0.120	0.966	3.64	1.33 B	0.520B	23
24	0.297B	5.80 B	0.880	2.14	0.899	1.17	0.153	0.151	0.807	2.84	1.10 B	0.500B	24
25	0.296B	5.21 B	1.10	2.36	0.949	2.15	0.146	0.147	0.651	2.34	0.850B	0.490B	25
26	0.296B	4.65 B	0.130B	2.28	1.21	2.41	0.145	0.160	0.610	2.06	0.700B	0.470B	26
27	0.340B	4.65	1.31	2.07	1.16	1.68	0.134	0.151	1.42	1.79	0.820B	0.450B	27
28	0.350B	3.89	0.160B	1.94	0.970	1.16	0.132	0.132	1.95	1.59	1.05 B	0.440B	28
29	0.340B		1.96	3.28	0.854	1.05	0.150	0.145	1.64	1.38	1.04 B	0.430B	29
30	0.320B		4.90 B	3.60	1.51	1.14	0.145	0.866	1.27	1.21	0.800B	0.420B	30
31	0.305B		8.76		1.50		0.130	1.85		1.13		0.410B	31
TOTAL	9.849	42.121	48.50E	219.68	66.751	40.142	9.626	9.192	57.981	110.12	34.703	20.843	TOTAL
MEAN	0.318	1.50	1.56	7.32	2.15	1.34	0.311	0.297	1.93	3.55	1.16	0.672	MEAN
MAX	0.360	5.80	8.76	28.6	5.83	3.47	1.08	1.85	4.44	12.9	2.53	1.41	MAX
MIN	0.296	0.290	0.130	1.90	0.854	0.718	0.130	0.110	0.610	1.13	0.700	0.410	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.83
MAXIMUM DAILY, 28.6E ON APR 5
MINIMUM DAILY, 0.110 ON AUG 2

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 19 53 N
LONG 79 30 20 W
DRAINAGE AREA, 90.4 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	851	JUL	832
FEB	3 640	AUG	794
MAR	4 190	SEP	5 010
APR	19 000	OCT	9 510
MAY	5 770	NOV	3 000
JUN	3 470	DEC	1 800

TOTAL DISCHARGE, 57 900 dam³

DUFFINS CREEK ABOVE PICKERING - STATION NO. 02HC019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.625B	0.640B	1.65	1.53	0.855	0.767	0.693	0.606	0.797	0.773	1.13	1.12	1
2	0.621B	0.920B	1.40	1.33	0.816	0.724	0.652	0.613	0.917	0.816	1.04	1.36	2
3	0.620B	0.780B	1.25 B	1.15	0.810	0.788	0.633	0.636	0.958	0.765	1.00	1.19	3
4	0.618B	0.720B	1.18 B	1.19	0.819	0.838	0.634	5.40	6.66	0.747	0.988	1.06	4
5	0.610B	0.670B	1.14 B	1.17	0.805	0.756	0.844	4.75	4.83	0.763	0.979	0.994	5
6	0.605B	0.640B	1.12 B	1.01	0.850	0.690	0.720	0.978	2.06	2.53	1.20	0.950B	6
7	0.600B	0.620B	1.22	0.944	0.800	0.669	0.624	0.728	1.58	1.71	1.23	0.898	7
8	0.590B	0.600B	1.24	0.986	0.777	0.675	0.600	0.685	1.39	1.24	1.08	0.963	8
9	0.585B	0.580B	1.24	1.01	0.794	0.669	0.591	0.807	1.05	0.972	1.00	1.00 B	9
10	0.583B	0.670B	1.19	0.937	1.03	0.734	0.563	0.698	0.915	0.915	0.886	0.940B	10
11	0.575B	7.00 B	1.14	0.969	3.58	0.763	0.542	1.69	0.870	0.823	0.947	0.900B	11
12	0.573B	6.80 B	1.11	0.968	2.34	0.706	0.549	1.95	0.820	0.780	0.894	0.890B	12
13	0.570B	6.20 B	1.02 B	0.956	1.26	0.737	0.589	0.791	0.769	0.752	0.889	0.875B	13
14	0.570B	5.80 B	1.05 B	2.23	1.07	0.716	0.506	0.734	0.738	0.749	0.909	0.850B	14
15	0.565B	5.50 B	1.10 B	1.39	1.10	0.701	0.530	4.10	0.728	0.792	0.898	0.830B	15
16	0.560B	6.30 B	0.980B	1.11	0.997	1.01	0.529	1.97	0.741	0.820	1.46	0.815B	16
17	0.560B	7.70 B	0.940B	1.69	0.943	1.24	0.549	0.917	0.761	0.780	2.00	0.805B	17
18	0.555B	10.1 B	0.930B	1.39	0.864	0.746	0.594	0.736	0.758	3.03	1.37	0.800B	18
19	0.555B	15.0 B	0.920B	1.12	0.835	0.728	0.691	0.681	0.749	1.63	1.20	0.765B	19
20	0.555B	29.0 B	0.900B	1.03	0.786	0.699	0.844	0.640	0.777	1.10	2.89	0.790B	20
21	0.550B	9.55 B	0.900B	0.942	0.751	0.742	0.693	0.624	0.865	0.989	3.52	0.785B	21
22	0.545B	3.00 B	0.900B	0.950	0.740	1.48	0.645	0.615	1.00	1.88	1.74	0.780B	22
23	0.545B	4.00 B	0.945	1.02	0.740	1.03	0.589	0.630	0.788	3.21	1.29	1.10 B	23
24	0.545B	3.15 B	0.933	1.22	0.742	0.765	0.575	0.637	0.752	2.03	1.17	1.35 B	24
25	0.545B	2.87	0.982	1.08	0.769	0.741	0.594	0.617	0.730	1.29	1.05	1.11 B	25
26	0.570B	2.11	1.03	0.949	0.865	0.674	0.626	0.612	0.855	1.69	1.00	1.00 B	26
27	0.640B	1.68	1.07	0.900	1.16	0.650	0.611	0.634	0.763	4.06	2.65	0.880B	27
28	0.580B	1.80	1.01	0.896	1.41	0.636	1.40	0.734	0.723	5.04	1.64	0.810B	28
29	0.560B		1.06	0.971	1.01	0.633	1.28	0.799	0.696	1.82	1.31	0.760B	29
30	0.550B		2.29	0.920	0.879	0.632	0.736	0.768	0.692	1.36	1.11	0.720B	30
31	0.540B		2.03		0.798		0.652	0.813		1.22		0.680B	31
TOTAL	17.865	134.400	35.870	33.958	31.995	23.339	20.878	37.593	36.732	47.076	40.470	28.770	TOTAL
MEAN	0.576	4.80	1.16	1.13	1.03	0.778	0.673	1.21	1.22	1.52	1.35	0.928	MEAN
MAX	0.640	29.0	2.29	2.23	3.58	1.48	1.40	5.40	6.66	5.04	3.52	1.36	MAX
MIN	0.540	0.580	0.900	0.896	0.740	0.632	0.506	0.606	0.692	0.747	0.886	0.660	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.34
MAXIMUM DAILY, 29.0B ON FEB 20
MINIMUM DAILY, 0.506 ON JUL 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 53 30 N
LONG 79 03 33 W
DRAINAGE AREA, 93.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 540	JUL	1 800
FEB	11 600	AUG	3 250
MAR	3 100	SEP	3 170
APR	2 930	OCT	4 070
MAY	2 760	NOV	3 500
JUN	2 020	DEC	2 490

TOTAL DISCHARGE, 42 200 dam³

REMARKS - STATION FORMERLY CALLED "DUFFINS CREEK BELOW ARTHUR PERCY DAM"

DUFFINS CREEK AT PICKERING - STATION NO. 02HC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	1.49	1.27	1.05	1.73	1.77	3.14	2.95	1
2	---	---	---	---	---	1.38	1.22	1.00	2.02	1.98	2.96	3.49	2
3	---	---	---	---	---	1.52	1.10	1.04	2.57	1.85	2.77	3.24	3
4	---	---	---	---	---	1.76	1.08	4.61	13.6	1.81	2.64	2.85	4
5	---	---	---	---	---	1.51	1.41	13.1	10.5	1.91	2.63	2.52B	5
6	---	---	---	---	---	1.40	1.42	2.76	5.04	4.58	2.99	2.10B	6
7	---	---	---	---	---	1.24	1.16	2.41	3.80	4.61	3.05	1.96B	7
8	---	---	---	---	---	1.24	1.06	2.11	3.44	3.64	2.84	1.76B	8
9	---	---	---	---	---	1.29	0.989	2.15	2.62	2.75	2.72	2.60B	9
10	---	---	---	---	---	1.35	0.896	1.88	2.23	2.44	2.48	2.80B	10
11	---	---	---	---	---	1.59	0.841	2.52	2.05	2.25	2.55	2.10B	11
12	---	---	---	---	---	1.38	0.848	4.11	1.88	2.05	2.51	1.85B	12
13	---	---	---	---	---	1.38	0.827	2.08	1.77	1.98	2.23	1.65B	13
14	---	---	---	---	---	1.38	0.736	1.54	1.67	1.94	1.98	1.55B	14
15	1.15A	---	---	---	---	1.39	0.710	6.05	1.55	2.15	2.02	1.50B	15
16	---	---	---	---	---	1.63	0.736	5.53	1.53	2.27	3.01	1.47B	16
17	---	---	---	---	---	2.43	0.711	2.48	1.61	2.09	4.68	1.46B	17
18	---	---	---	---	---	1.57	0.854	1.85	1.73	6.69	3.46	1.45B	18
19	---	---	---	---	---	1.39	1.03	1.57	1.64	4.87	3.00	1.45B	19
20	---	---	---	---	---	1.34	1.49	1.44	1.64	3.20	6.40	1.44B	20
21	---	31.7A	---	---	1.62A	1.37	1.21	1.34	1.79	2.85	4.55E	1.42B	21
22	---	---	---	---	1.45	2.60	1.05	1.31	2.36	4.53	2.55E	1.46B	22
23	---	---	---	1.95A	1.40	2.59	0.930	1.31	1.93	7.81	2.13E	2.45B	23
24	---	---	---	---	1.36	1.68	0.892	1.31	1.73	5.75	3.09B	2.12B	24
25	---	---	---	---	1.40	1.48	0.876	1.21	1.65	3.77	2.86	1.80B	25
26	---	---	---	---	1.60	1.28	0.963	1.21	1.87	4.19	2.72	1.70B	26
27	---	---	---	---	2.24	1.20	0.991	1.22	1.95	9.33	5.90	1.60B	27
28	---	---	---	---	2.76	1.09	1.68	1.52	1.74	14.0	4.40	1.60B	28
29	---		---	---	4.25	1.07	2.53	1.75	1.60	5.24	3.47	1.55B	29
30	---		---	---	1.85	1.06	1.49	1.68	1.59	3.90	3.02	1.50B	30
31	---		---		1.65		1.16	1.81		3.51		1.49B	31
TOTAL	---	---	---	---	---	45.08	34.168	76.95	82.83	121.61	94.75	60.88	TOTAL
MEAN	---	---	---	---	---	1.50	1.10	2.48	2.76	3.92	3.16	1.96	MEAN
MAX	---	---	---	---	---	2.60	2.53	13.1	13.6	14.0	6.40	3.49	MAX
MIN	---	---	---	---	---	1.06	0.710	1.00	1.53	1.77	1.98	1.42	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.710 ON JUL 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 51 10 N
LONG 79 03 44 W
DRAINAGE AREA, 249 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 950
FEB	---	AUG	6 650
MAR	---	SEP	7 160
APR	---	OCT	10 500
MAY	---	NOV	8 190
JUN	3 890	DEC	5 260

EAGLE RIVER AT EAGLE RIVER - STATION NO. 05QD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.08	7.50	7.36	2.83	1.98	1.98	1.98	1.98	1.98	1.98	10.8	10.2	1
2	7.08	7.36	7.36	2.83	1.98	1.98	1.98	1.98	1.98	1.98	10.2	10.2	2
3	7.08	7.36	7.36	2.83	1.98	1.98	12.7	1.98	1.98	1.98	10.3	10.2	3
4	7.65	7.22	8.21	2.83	1.98	1.98	12.5	1.98	1.98	1.98	10.2	10.2	4
5	7.22	7.08	6.80	2.83	1.98	1.98	13.0	1.98	1.98	1.98	10.8	10.2	5
6	7.36	7.08	6.94	2.83	1.98	1.98	1.98	1.98	1.98	1.98	9.63	10.1	6
7	7.36	7.08	7.08	1.98	1.98	1.98	1.98	1.98	1.98	1.98	9.77	10.1	7
8	7.08	7.36	7.36	1.98	1.98	1.98	1.98	1.98	1.98	1.98	10.1	10.3	8
9	7.08	7.36	7.36	1.98	1.98	1.98	1.98	1.98	1.98	1.98	10.1	10.2	9
10	7.08	7.36	7.36	1.98	1.98	1.98	1.98	1.98	1.98	1.98	9.91	10.3	10
11	7.08	7.08	7.36	1.98	1.98	1.98	1.98	1.98	1.98	1.98	9.77	10.3	11
12	7.08	7.22	7.36	1.98	1.98	1.98	1.98	1.98	1.98	1.98	10.2	10.2	12
13	7.36	7.36	6.51	1.98	1.98	1.98	1.98	1.98	1.98	1.98	9.77	10.3	13
14	7.36	7.36	6.80	1.98	1.98	1.98	1.98	1.98	1.98	1.98	9.77	10.3	14
15	7.08	7.22	6.80	1.98	1.98	1.98	1.98	1.98	1.98	1.98	9.77	9.63	15
16	7.36	7.08	6.80	1.98	1.98	1.98	1.98	1.98	1.98	1.98	9.63	10.6	16
17	7.36	7.36	7.36	1.98	1.98	1.98	1.98	1.98	1.98	1.98	10.2	10.3	17
18	7.36	7.36	7.36	1.98	1.98	1.98	1.98	1.98	1.98	1.98	9.91	10.3	18
19	7.08	7.36	7.36	1.98	1.98	1.98	1.98	1.98	1.98	1.98	10.1	10.3	19
20	7.08	7.36	7.36	6.51	1.98	1.98	1.98	1.98	1.98	1.98	10.1	10.3	20
21	7.08	7.36	7.08	1.98	1.98	1.98	16.4	1.98	1.98	1.98	9.77	10.2	21
22	7.08	7.36	7.08	1.98	1.98	1.98	16.4	1.98	1.98	1.98	10.3	10.3	22
23	7.36	7.36	7.08	1.98	1.98	1.98	1.98	1.98	1.98	1.98	10.2	10.3	23
24	7.79	7.08	9.34	1.98	1.98	1.98	1.98	1.98	1.98	1.98	9.63	10.2	24
25	6.94	7.08	6.65	1.98	1.98	1.98	1.98	1.98	1.98	1.98	10.2	10.2	25
26	7.36	7.36	6.51	1.98	1.98	1.98	1.98	1.98	1.98	1.98	9.77	10.3	26
27	7.65	7.36	6.23	1.98	1.98	1.98	1.98	1.98	1.98	1.98	9.77	10.2	27
28	7.36	7.36	6.51	1.98	1.98	1.98	1.98	1.98	1.98	1.98	9.91	10.5	28
29	7.36		7.36	1.98	1.98	1.98	1.98	1.98	1.98	9.20	10.3	10.2	29
30	7.36		7.36	1.98	1.98	1.98	1.98	1.98	1.98	10.9	10.9	10.3	30
31	7.36		2.83		1.98		1.98	1.98		10.8		10.2	31
TOTAL	224.97	203.84	218.29	69.03	61.38	59.40	122.48	61.38	59.40	86.34	301.78	317.43	TOTAL
MEAN	7.26	7.28	7.04	2.30	1.98	1.98	3.95	1.98	1.98	2.79	10.1	10.2	MEAN
MAX	7.79	7.50	9.34	6.51	1.98	1.98	16.4	1.98	1.98	10.9	10.9	10.6	MAX
MIN	6.94	7.08	2.83	1.98	1.98	1.98	1.98	1.98	1.98	1.98	9.63	9.63	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.89
MAXIMUM DAILY, 16.4 ON JUL 21
MINIMUM DAILY, 1.98 ON APR 7

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 47 20 N
LONG 93 11 40 W
DRAINAGE AREA, 2 510 km²

REGULATED SINCE 1920

DATA CONTRIBUTED BY -
REED PAPER COMPANY

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 400	JUL	10 600
FEB	17 600	AUG	5 300
MAR	18 900	SEP	5 130
APR	5 960	OCT	7 460
MAY	5 300	NOV	26 100
JUN	5 130	DEC	27 400

TOTAL DISCHARGE, 154 000 dam³

EAST BRANCH SCOTCH RIVER NEAR ST. ISIDORE DE PRESCOTT - STATION NO. 02LB012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	2.74	1.88	1.38	0.756	0.451	0.075	0.132	1.10	2.04	1.14 B	1
2	---	---	2.38	2.48	1.05	0.571	0.406	0.051	0.151	0.911	1.60	1.06 B	2
3	---	---	1.58 B	1.82	0.789	0.465	0.322	0.045	0.182	0.790	1.32	1.06	3
4	---	---	1.46 B	2.17	0.617	4.93	0.309	0.043	0.199	0.658	1.10	1.06	4
5	---	---	1.24 B	2.21	0.547	3.97	0.333	0.620	0.203	0.541	0.926	1.00	5
6	---	---	0.992B	1.72	0.482	4.03	0.321	0.766	0.205	0.502	1.13	0.981B	6
7	---	---	0.868	1.41	0.423	4.06	0.271	0.534	0.194	0.706	1.62	0.841B	7
8	---	---	0.859	1.15	0.346	2.63	0.221	0.355	0.201	0.805	1.62	0.745B	8
9	---	---	0.972	1.09	0.311	2.52	0.278	0.425	0.289	0.694	2.03	0.690B	9
10	---	---	0.996	1.06	0.277	2.06	0.622	0.816	0.574	0.589	1.74	0.608B	10
11	---	---	0.960	0.923	0.601	1.81	0.364	1.95	1.13	0.526	1.53	0.698B	11
12	---	---	0.862	0.797	2.81	1.60	0.245	3.13	0.843	0.458	1.35	0.665	12
13	---	---	0.913B	0.693	3.19	1.62	0.205	1.25	0.700	0.394	1.11 B	0.643	13
14	---	---	0.905B	0.798	2.21	1.34	0.196	0.943	0.629	0.360	1.12	0.626	14
15	---	---	0.833B	0.925	1.78	1.30	0.185	1.30	0.530	0.341	0.981	0.558	15
16	---	---	0.761B	0.824	2.09	1.31	0.186	3.46	0.408	0.324	0.941	0.475	16
17	---	---	0.683B	0.792	1.98	1.61	0.157	3.81	0.316	0.306	0.960	0.503B	17
18	---	---	0.614B	0.893	1.61	1.29	0.141	2.19	0.276	0.326	1.41	---	18
19	---	---	0.518B	0.887	1.22	1.05	0.135	1.78	0.239	0.374	2.23	---	19
20	---	23.5 B	0.445B	0.871	0.967	0.956	0.128	1.42	0.219	0.408	2.18	---	20
21	---	28.6 B	0.443	0.775	0.768	0.780	0.501	1.06	0.194	0.393	3.84	---	21
22	---	15.1 B	0.448	0.660	0.608	3.90	0.493	0.785	0.186	0.462	3.46	---	22
23	---	6.69B	0.547	0.598	0.522	3.63	0.347	0.552	1.11	1.85	2.58	---	23
24	---	9.25B	0.631	0.835	0.391	2.53	0.232	0.411	2.57	1.81	1.82 B	---	24
25	---	8.57	0.700	1.11	0.336	2.08	0.184	0.307	1.61	1.48	1.63 B	---	25
26	---	6.52	0.723	0.985	0.345	1.53	0.154	0.237	1.48	2.24	1.35 B	---	26
27	---	3.41	0.814	0.816	0.342	1.13	0.139	0.200	2.88	5.10	1.25	---	27
28	---	2.37	0.844	0.695	1.14	0.825	0.123	0.179	2.25	7.77	1.66	---	28
29	---		0.810	1.22	1.41	0.604	0.129	0.156	1.72	5.58	1.50 B	---	29
30	---		1.15	1.53	1.03	0.481	0.129	0.148	1.40	4.02	1.29 B	---	30
31	---		1.93		0.965		0.110	0.140		2.86		---	31
TOTAL	---	---	30.621	34.617	32.537	57.368	8.007	29.138	23.020	44.678	49.338	---	TOTAL
MEAN	---	---	0.988	1.15	1.05	1.91	0.258	0.940	0.767	1.44	1.64	---	MEAN
MAX	---	---	2.74	2.48	3.19	4.93	0.622	3.81	2.88	7.77	3.84	---	MAX
MIN	---	---	0.443	0.598	0.277	0.465	0.110	0.043	0.132	0.306	0.926	---	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 28.6B ON FEB 21
MINIMUM DAILY, 0.043 ON AUG 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 22 11 N
LONG 74 54 00 W
DRAINAGE AREA, 76.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	692
FEB	---	AUG	2 520
MAR	2 650	SEP	1 990
APR	2 990	OCT	3 860
MAY	2 810	NOV	4 260
JUN	4 960	DEC	---

EAST CANAGAGIGUE CREEK NEAR FLORADALE - STATION NO. 02GA035

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.102B	0.162B	0.765	0.687	0.172	0.101	0.086	0.088	0.227	0.513	0.264	0.334	1
2	0.100B	0.148B	0.476	0.462	0.153	0.100	0.087	0.087	0.305	0.344	0.230	0.853	2
3	0.099B	0.132B	0.330B	0.385	0.142	0.110	0.084	0.101	0.196	0.215	0.204	0.539	3
4	0.098B	0.118B	0.285B	0.406	0.135	0.117	0.093	0.103	2.31	0.175	0.191	0.376	4
5	0.097B	0.106B	0.255B	0.333	0.135	0.091	0.110	0.097	0.659	0.160	0.206	0.292	5
6	0.096B	0.098B	0.277	0.247	0.134	0.092	0.096	0.090	0.408	0.882	0.196	0.236	6
7	0.095B	0.093B	0.275	0.219	0.130	0.087	0.082	0.091	0.268	0.581	0.174	0.222	7
8	0.094B	0.090B	0.268	0.198	0.124	0.089	0.079	0.090	0.220	0.366	0.150	0.200B	8
9	0.094B	0.088B	0.279	0.194	0.124	0.093	0.077	0.090	0.165	0.249	0.151	0.180B	9
10	0.094B	0.090B	0.280	0.162	0.266	0.102	0.075	0.185	0.142	0.205	0.151	0.165B	10
11	0.094B	0.210B	0.272	0.160	0.649	0.094	0.070	0.177	0.126	0.178	0.158	0.155B	11
12	0.094B	0.380B	0.245B	0.165	0.423	0.090	0.069	0.110	0.114	0.163	0.148	0.150	12
13	0.093B	0.340B	0.230B	0.164	0.282	0.090	0.071	0.096	0.108	0.151	0.130	0.148	13
14	0.092B	0.320B	0.210B	0.634	0.242	0.098	0.071	0.097	0.112	0.152	0.123	0.147	14
15	0.091B	0.305B	0.200B	0.355	0.268	0.097	0.069	0.247	0.096	0.200	0.121	0.149	15
16	0.094B	0.295B	0.210B	0.266	0.356	0.092	0.069	0.144	0.084	0.184	0.142	0.146	16
17	0.092B	0.370B	0.173B	0.296	0.260	0.091	0.071	0.112	0.107	0.167	0.154	0.140	17
18	0.090B	1.35 B	0.170B	0.297	0.207	0.087	0.079	0.099	0.109	0.436	0.138	0.132B	18
19	0.091B	3.00 B	0.166B	0.238	0.174	0.086	0.085	0.093	0.102	0.397	0.138	0.128B	19
20	0.092B	5.30 B	0.162B	0.216	0.153	0.078	0.081	0.086	0.102	0.315	0.422	0.126B	20
21	0.091B	4.10 B	0.158B	0.190	0.143	0.097	0.082	0.089	0.110	0.374	0.464	0.124B	21
22	0.090B	3.40	0.178	0.185	0.126	0.446	0.079	0.109	0.148	0.682	0.310	0.126B	22
23	0.089B	6.43	0.192	0.209	0.124	0.222	0.077	0.105	0.111	1.12	0.254	0.135B	23
24	0.088B	2.18	0.214	0.217	0.112	0.140	0.073	0.099	0.108	0.790	0.221	0.130B	24
25	0.089B	1.08	0.254	0.186	0.119	0.118	0.074	0.094	0.113	0.459	0.208	0.125B	25
26	0.140B	0.689	0.249	0.166	0.119	0.102	0.075	0.091	0.149	0.379	0.224	0.120B	26
27	0.137B	0.575	0.295	0.157	0.122	0.096	0.078	0.090	0.139	0.573	1.64	0.116B	27
28	0.130B	0.922	0.328	0.244	0.125	0.087	0.243	0.165	0.125	0.793	0.672	0.115B	28
29	0.105B		0.381	0.243	0.117	0.087	0.146	0.132	0.119	0.463	0.396	0.116B	29
30	0.100B		1.20	0.200	0.111	0.086	0.097	0.432	0.112	0.340	0.310	0.115B	30
31	0.140B		1.03		0.103		0.088	0.317		0.294		0.113B	31
TOTAL	3.093	32.377	10.007	8.081	5.850	3.366	2.716	4.006	7.194	12.300	8.290	6.153	TOTAL
MEAN	0.100	1.16	0.323	0.269	0.189	0.112	0.088	0.129	0.240	0.397	0.276	0.198	MEAN
MAX	0.140	6.43	1.20	0.687	0.649	0.446	0.243	0.432	2.31	1.12	1.64	0.853	MAX
MIN	0.088	0.088	0.158	0.157	0.103	0.078	0.069	0.086	0.084	0.151	0.121	0.113	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.283
MAXIMUM DAILY, 6.43 ON FEB 23
MINIMUM DAILY, 0.069 ON JUL 12
MAXIMUM INSTANTANEOUS,
8.92 AT 13:26 EST ON FEB 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 39 04 N
LONG 80 34 20 W
DRAINAGE AREA, 27.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	267	JUL	235
FEB	2 800	AUG	346
MAR	865	SEP	622
APR	698	OCT	1 060
MAY	505	NOV	716
JUN	291	DEC	532

TOTAL DISCHARGE, 8 940 dam³

EAST CASTOR RIVER NEAR RUSSELL - STATION NO. 02LB021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.205B	0.062B	4.07	2.96	0.950	0.576	1.39	0.198	0.269	1.62	2.94	1.22 B	1
2	0.170B	0.180B	4.11	4.81	0.725	0.385	1.66	0.191	0.258	1.38	2.51	1.11 B	2
3	0.153B	0.170B	2.90	3.16	0.609	0.333	1.35	0.202	0.259	1.36	2.10	1.08	3
4	0.138B	0.160B	2.50	2.90	0.531	0.392	4.52	0.210	0.258	1.28	1.72	1.05 B	4
5	0.126B	0.152B	1.88	3.92	0.510	0.374	3.67	0.777	0.254	1.05	1.44	1.01 B	5
6	0.116B	0.125B	1.51	3.20	0.520	0.370	1.43	0.585	0.243	0.993	1.59	0.945B	6
7	0.108B	0.116B	1.37	2.44	0.496	0.323	0.693	0.397	0.235	2.52	3.00	0.903B	7
8	0.102B	0.109B	1.37	1.79	0.454	0.296	0.470	0.295	0.396	3.27	3.16	0.843B	8
9	0.096B	0.104B	1.57	1.49	0.426	0.312	0.378	0.344	2.75	2.48	3.80	0.801B	9
10	0.088B	0.100B	1.62	1.66	0.384	0.278	0.362	1.03	7.60	1.75	2.94	0.771B	10
11	0.085B	0.485B	1.65	1.58	0.811	0.250	0.312	2.66	15.3	1.27	2.22	0.742B	11
12	0.082B	2.73 B	1.52	1.57	3.51	0.232	0.271	6.85	7.92	1.00	1.91	0.724B	12
13	0.079B	2.30 B	1.43	1.20	3.46	0.208	0.249	3.25	5.20	0.840	1.46	0.681B	13
14	0.076B	2.10 B	1.33	1.02	2.57	0.196	0.226	1.94	3.38	0.721	1.24	0.646B	14
15	0.073B	1.95 B	1.26	1.02	1.78	0.197	0.218	3.68	2.44	0.785	1.21	0.603	15
16	0.072B	1.90 B	1.35	0.854	6.31	0.200	0.203	17.6	1.65	0.809	1.23	0.507B	16
17	0.071B	3.90 B	1.07	0.821	5.87	0.202	0.189	9.13	1.11	0.751	1.21	0.412B	17
18	0.070B	9.40 B	1.46	1.18	3.11	0.193	0.180	4.41	1.06	0.760	1.21	0.359B	18
19	0.069B	22.3 B	1.86	1.41	2.15	0.197	0.170	2.77	0.891	1.02	1.90	0.303B	19
20	0.068B	27.8 B	1.38	1.08	1.38	0.197	0.184	1.78	0.722	1.02	2.46	0.260B	20
21	0.067B	35.6 B	0.822	0.837	0.993	0.184	0.979	1.08	0.618	0.873	9.02	0.207B	21
22	0.066B	30.2	0.619	0.717	0.810	3.07	1.36	0.738	0.557	0.886	7.72	0.203B	22
23	0.065B	17.3	0.621	0.649	0.652	9.50	0.578	0.564	4.30	5.09	3.96	0.198B	23
24	0.064B	26.0 E	0.717	0.710	0.539	3.97	0.357	0.486	14.3	6.33	2.70	0.192B	24
25	0.063B	19.4 E	0.808	0.930	0.448	2.26	0.305	0.423	6.01	3.46	1.95	0.186B	25
26	0.073B	12.0 E	0.871	0.954	0.402	5.49	0.259	0.377	3.57	4.21	1.63	0.180B	26
27	0.090B	5.61 E	0.994	0.767	0.393	3.44	0.237	0.343	6.17	11.3	1.41	0.176B	27
28	0.085B	3.86	1.05	0.653	0.466	2.11	0.219	0.316	5.30	24.4	3.50	0.172B	28
29	0.078B		0.965	0.742	0.942	1.35	0.224	0.313	3.27	9.94	2.78	0.168B	29
30	0.072B		1.25	1.21	0.936	0.826	0.220	0.303	2.33	5.23	1.80B	0.164B	30
31	0.068B		2.98		0.711		0.215	0.285		3.63		0.160B	31
TOTAL	2.838	226.113	48.907	48.234	43.848	37.911	23.078	63.527	98.620	102.028	77.72	16.976	TOTAL
MEAN	0.092	8.08	1.58	1.61	1.41	1.26	0.744	2.05	3.29	3.29	2.59	0.548	MEAN
MAX	0.205	35.6	4.11	4.81	6.31	9.50	4.52	17.6	15.3	24.4	9.02	1.22	MAX
MIN	0.063	0.062	0.619	0.649	0.384	0.184	0.170	0.191	0.235	0.721	1.21	0.160	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.16
MAXIMUM DAILY, 35.6B ON FEB 21
MINIMUM DAILY, 0.062B ON FEB 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 13 43 N
LONG 75 19 32 W
DRAINAGE AREA, 145 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	285	JUL	1 990
FEB	19 500	AUG	5 490
MAR	4 230	SEP	8 520
APR	4 170	OCT	8 820
MAY	3 790	NOV	6 720
JUN	3 280	DEC	1 470

TOTAL DISCHARGE, 68 200 dam³

EAST HUMBER RIVER AT KING CREEK - STATION NO. 02HC032

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.200B	0.148B	1.40	0.893	0.271	0.241	0.101	0.132	0.210	0.150	0.662	0.500E	1
2	0.192B	0.155B	1.17	0.798	0.259	0.204	0.096	0.116	0.164	0.167	0.564	0.600E	2
3	0.184B	0.162B	0.932	0.706	0.243	0.183	0.095	0.112	0.178	0.168	0.515	0.570E	3
4	0.178B	0.152B	0.860B	0.655	0.229	0.254	0.152	0.124	0.787	0.147	0.464	0.545E	4
5	0.172B	0.149B	0.813	0.596	0.219	0.226	1.69	0.442	2.65	0.142	0.603	0.525E	5
6	0.169B	0.148B	0.760B	0.510	0.276	0.177	0.622	0.333	1.65	0.396	0.574	0.500E	6
7	0.164B	0.146B	0.700B	0.449	0.234	0.159	0.323	0.195	1.03	0.652	0.506	0.480E	7
8	0.160B	0.144B	0.643	0.410	0.203	0.150	0.217	0.163	0.818	0.490	0.531	0.465E	8
9	0.158B	0.144B	0.603	0.398	0.190	0.146	0.178	0.171	0.638	0.385	0.483	0.445E	9
10	0.156B	0.160B	0.595	0.377	0.343	0.165	0.163	0.206	0.517	0.306	0.387	0.420E	10
11	0.152B	0.300B	0.581	0.355	1.43	0.183	0.113	0.197	0.436	0.277	0.368	0.400E	11
12	0.150B	0.900B	0.561	0.323	2.23	0.154	0.105	0.212	0.385	0.249	0.361	0.500E	12
13	0.148B	0.820B	0.559	0.300	1.34	0.144	0.099	0.202	0.347	0.224	0.316	0.435E	13
14	0.144B	0.740B	0.544	0.537	1.09	0.146	0.086	0.177	0.290	0.206	0.306	0.445E	14
15	0.143B	0.680B	0.498	0.616	0.996	0.132	0.077	0.335	0.249	0.221	0.303	0.465E	15
16	0.141B	0.793B	0.494	0.465	0.925	0.134	0.076	0.444	0.213	0.234	0.513	0.460B	16
17	0.140B	1.60 B	0.460B	0.442	0.713	0.192	0.077	0.328	0.196	0.221	0.922	0.445B	17
18	0.139B	9.18	0.440B	0.473	0.571	0.160	0.073	0.204	0.192	0.385	0.824	0.410B	18
19	0.138B	11.6	0.336	0.414	0.480	0.137	0.129	0.166	0.195	0.558	0.680	0.389	19
20	0.137B	11.0	0.314	0.386	0.436	0.126	0.197	0.143	0.193	0.405	1.12	0.419	20
21	0.137B	8.52	0.346	0.354	0.384	0.134	0.200	0.128	0.189	0.334	1.81	0.437	21
22	0.136B	5.01	0.327	0.315	0.334	0.370	0.119	0.119	0.270	0.429	1.36	0.336	22
23	0.136B	5.32	0.348	0.328	0.282	0.517	0.097	0.112	0.262	0.670	0.984	0.314	23
24	0.135B	5.17	0.346	0.396	0.257	0.298	0.090	0.106	0.196	0.911	0.822	0.298	24
25	0.135B	3.04	0.334	0.388	0.254	0.221	0.089	0.096	0.182	0.786	0.689	0.308	25
26	0.152B	2.27	0.349	0.352	0.269	0.172	0.088	0.097	0.173	0.715	0.605	0.316	26
27	0.148B	1.75	0.371	0.315	0.273	0.147	0.087	0.097	0.189	0.921	1.13	0.324	27
28	0.144B	1.59	0.383	0.301	0.383	0.134	0.162	0.134	0.171	1.68	1.28	0.318	28
29	0.138B		0.406	0.323	0.419	0.115	0.351	0.253	0.158	1.26	0.938	0.321	29
30	0.136B		0.725	0.333	0.349	0.107	0.288	0.337	0.140	0.926	0.430E	0.310B	30
31	0.139B		1.07		0.290		0.170	0.287		0.761		0.300B	31
TOTAL	4.701	71.791	18.268	13.508	16.172	5.628	6.410	6.168	13.268	15.376	21.050	13.060	TOTAL
MEAN	0.152	2.56	0.589	0.450	0.522	0.188	0.207	0.199	0.442	0.496	0.702	0.421	MEAN
MAX	0.200	11.6	1.40	0.893	2.23	0.517	1.69	0.444	2.65	1.68	1.81	0.600	MAX
MIN	0.135	0.144	0.314	0.300	0.190	0.107	0.073	0.096	0.140	0.142	0.303	0.298	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.563
MAXIMUM DAILY, 11.6 ON FEB 19
MINIMUM DAILY, 0.073 ON JUL 18
MAXIMUM INSTANTANEOUS,
13.5 AT 02:45 EST ON FEB 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 54 10 N
LONG 79 36 46 W
DRAINAGE AREA, 94.8 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	406	JUL	554
FEB	6 200	AUG	533
MAR	1 580	SEP	1 150
APR	1 170	OCT	1 330
MAY	1 400	NOV	1 820
JUN	486	DEC	1 130

TOTAL DISCHARGE, 17 800 dam³

REMARKS - STATION FORMERLY CALLED "EAST HUMBER RIVER AT HUMBER TRAILS"

EAST HUMBER RIVER NEAR PINE GROVE - STATION NO. 02HC009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.480B	0.300B	2.73	1.78	0.668	0.540	0.270	0.311	0.480	0.413	1.43	1.44	1
2	0.440B	0.335B	2.29	1.62	0.587	0.461	0.247	0.257	0.471	0.389	1.25	1.61	2
3	0.400B	0.325B	1.79	1.46	0.560	0.522	0.244	0.278	0.397	0.402	1.12	1.69	3
4	0.360B	0.315B	1.60	1.37	0.508	0.503	0.302	0.483	1.53	0.396	0.998	1.48	4
5	0.350B	0.300B	1.63	1.30	0.563	0.517	1.33	0.485	5.69	0.375	0.948	1.27	5
6	0.340B	0.290B	1.38	1.17	0.521	0.466	2.60	0.738	3.13	0.958	1.11	1.18	6
7	0.330B	0.310B	1.36	1.03	0.509	0.385	1.03	0.473	1.97	1.38	1.06	1.13	7
8	0.315B	0.310B	1.34	0.935	0.475	0.339	0.619	0.351	1.70	1.20	0.969	1.19	8
9	0.305B	0.305B	1.24	0.886	0.449	0.333	0.452	0.301	1.27	0.972	0.979	0.918	9
10	0.290B	0.360B	1.21	0.827	0.601	0.445	0.366	0.438	1.05	0.758	0.880	0.900B	10
11	0.275B	1.07 B	1.22	0.756	2.43	0.436	0.321	0.317	0.883	0.621	0.764	1.04	11
12	0.262B	0.490B	1.14	0.719	5.05	0.397	0.282	0.353	0.747	0.547	0.765	0.993	12
13	0.255B	0.470B	1.12	0.678	2.83	0.370	0.251	0.332	0.656	0.497	0.704	0.884	13
14	0.253B	0.450B	1.02	1.10	2.14	0.366	0.220	0.331	0.553	0.471	0.659	0.865	14
15	0.250B	0.480B	1.02	1.41	1.87	0.330	0.209	0.666	0.498	0.512	0.635	0.849	15
16	0.245B	1.50 B	1.05	1.14	1.78	0.404	0.198	0.825	0.445	0.503	1.15	0.846	16
17	0.240B	4.00 B	0.789	1.03	1.52	0.410	0.202	0.691	0.403	0.498	2.11	0.863	17
18	0.238B	19.8	0.828	1.01	1.25	0.353	0.207	0.490	0.387	0.861	1.88	0.980B	18
19	0.238B	26.3	0.919	0.952	1.08	0.334	0.205	0.373	0.370	1.10	1.56	1.02	19
20	0.238B	23.3	0.803	0.851	0.958	0.309	0.434	0.328	0.394	1.06	2.77	1.03	20
21	0.238B	20.7	0.704	0.783	0.847	0.338	0.410	0.282	0.465	0.876	4.14	0.902	21
22	0.238B	12.1	0.751	0.722	0.754	0.671	0.371	0.276	0.505	1.06	2.99	0.956	22
23	0.238B	12.6	0.760	0.752	0.644	0.978	0.285	0.321	0.489	1.78	2.09	0.987	23
24	0.238B	13.1	0.755	0.878	0.566	0.792	0.248	0.316	0.459	2.19	1.65	0.891	24
25	0.230B	6.99	0.770	0.923	0.565	0.520	0.208	0.301	0.391	1.95	1.44	0.821	25
26	0.290B	4.56	0.727	0.853	0.582	0.412	0.212	0.294	0.407	1.72	1.33	0.856	26
27	0.290B	3.30	0.740	0.750	0.639	0.343	0.211	0.298	0.402	2.71	1.93	0.895	27
28	0.280B	3.04	0.757	0.699	0.669	0.297	0.486	0.403	0.372	4.21	2.49	0.893	28
29	0.270B		0.823	0.735	0.920	0.278	0.632	0.407	0.345	2.80	1.95	0.901	29
30	0.260B		1.24	0.700	0.809	0.263	0.629	0.602	0.323	1.93	1.56	0.850	30
31	0.270B		1.98		0.661		0.459	0.601		1.59		0.840	31
TOTAL	8.946	157.400	36.486	29.819	34.005	13.112	14.140	12.922	27.182	36.729	45.311	31.970	TOTAL
MEAN	0.289	5.62	1.18	0.994	1.10	0.437	0.456	0.417	0.906	1.18	1.51	1.03	MEAN
MAX	0.480	26.3	2.73	1.78	5.05	0.978	2.60	0.825	5.69	4.21	4.14	1.69	MAX
MIN	0.230	0.290	0.704	0.678	0.449	0.263	0.198	0.257	0.323	0.375	0.635	0.821	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.23
MAXIMUM DAILY, 26.3 ON FEB 19
MINIMUM DAILY, 0.198 ON JUL 16
MAXIMUM INSTANTANEOUS,
31.1 AT 22:11 EST ON FEB 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 47 22 N
LONG 79 35 06 W
DRAINAGE AREA, 197 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	773	JUL	1 220
FEB	13 600	AUG	1 120
MAR	3 150	SEP	2 350
APR	2 580	OCT	3 170
MAY	2 940	NOV	3 910
JUN	1 130	DEC	2 760

TOTAL DISCHARGE, 3[illegible] 00 dam³

EAST OAKVILLE CREEK NEAR OMAGH - STATION NO. 02HB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.230B	0.235B	2.97	0.936	0.462	0.230	0.154	0.153	0.842	1.04 E	1.88	1.37	1
2	0.180B	0.250B	2.29	0.797	0.418	0.207	0.169	0.145	0.778	1.53 E	1.63	3.01	2
3	0.120B	0.235B	1.73 B	0.675	0.402	0.255	0.159	0.164	2.17	1.18	1.45	2.48	3
4	0.080B	0.229B	1.22 B	0.603	0.396	0.271	0.168	1.42	10.7	1.03	1.32	1.69	4
5	0.050B	0.210B	1.02	0.538	0.374	0.244	0.736	0.946	13.9	0.939	1.23	1.23	5
6	0.065B	0.215B	0.896B	0.488	0.361	0.197	1.23	0.411	6.87	1.93	1.17	1.01	6
7	0.062B	0.220B	0.770B	0.449	0.317	0.190	0.661	0.274	3.82	3.78	1.19	0.913	7
8	0.060B	0.215B	0.800	0.422	0.290	0.185	0.371	0.238	2.51	2.06	1.16	0.955	8
9	0.058B	0.212B	0.789	0.379	0.271	0.175	0.261	0.219	1.57	1.51	1.08	0.860B	9
10	0.055B	0.210B	0.788	0.350	0.313	0.187	0.191	0.645	1.25	1.17	1.03	0.750B	10
11	0.055B	5.00 B	0.795	0.365	0.600	0.226	0.166	0.909	1.01	1.02	0.982	0.650B	11
12	0.055B	4.80 B	0.778	0.366	0.806	0.193	0.176	0.541	0.863	0.945	0.919	0.580B	12
13	0.056B	4.45 B	0.736	0.355	0.619	0.181	0.152	0.374	0.905	0.880	0.787	0.570	13
14	0.061B	4.10 B	0.658B	1.02	0.488	0.234	0.110	0.376	0.796	0.847	0.726	0.533	14
15	0.065B	3.80 B	0.678	1.15	0.483	0.234	0.060	0.725	0.646	0.838	0.690	0.517	15
16	0.070B	5.00 B	0.630B	0.808	0.503	0.206	0.045	0.522	0.550	0.805	0.678	0.460B	16
17	0.065B	28.0 B	0.580B	0.680	0.463	0.225	0.056	0.395	0.408	0.797	1.67	0.400B	17
18	0.060B	31.0 B	0.550B	0.946	0.399	0.218	0.085	0.309	0.506	1.10	3.69	0.340B	18
19	0.068B	18.0 B	0.600B	0.783	0.363	0.201	0.198	0.244	0.497	2.85	2.78	0.310B	19
20	0.080B	12.0 B	0.530B	0.654	0.325	0.200	0.210	0.211	0.491	1.89	2.01	0.290B	20
21	0.075B	9.00 B	0.473	0.509	0.278	0.226	0.186	0.205	0.515	1.44	9.86	0.280B	21
22	0.070B	6.78	0.446	0.467	0.266	0.460	0.166	0.191	0.807	2.08	9.45	0.300B	22
23	0.110B	6.90	0.412	0.532	0.221	0.501	0.112	0.176	0.653	9.98	3.35	0.360B	23
24	0.170B	7.48	0.396	0.821	0.220	0.314	0.066	0.187	0.652	9.08	1.95	0.340B	24
25	0.215B	4.57	0.415	0.780	0.229	0.280	0.045	0.177	0.674	4.01	1.48	0.330B	25
26	0.265B	3.44	0.415	0.639	0.224	0.249	0.091	0.161	0.939	2.36	1.17	0.320B	26
27	0.260B	2.79	0.498	0.555	0.237	0.207	0.123	0.176	0.935	2.43	2.09	0.310B	27
28	0.245B	2.77	0.523	0.514	0.311	0.185	0.382	0.316	0.849	12.5	3.21	0.335B	28
29	0.230B		0.512	0.507	0.325	0.168	0.615	0.524	0.843E	9.73	2.01	0.330B	29
30	0.215B		0.813	0.497	0.274	0.153	0.238	0.962	0.831E	3.78	1.48	0.330B	30
31	0.221B		1.07		0.268		0.167	1.47		2.33		0.332B	31
TOTAL	3.671	162.111	25.781	18.585	11.506	7.002	7.549	13.766	58.780	87.861	64.122	22.485	TOTAL
MEAN	0.118	5.79	0.832	0.620	0.371	0.233	0.244	0.444	1.96	2.83	2.14	0.725	MEAN
MAX	0.265	31.0	2.97	1.15	0.806	0.501	1.23	1.47	13.9	17.5	9.86	3.01	MAX
MIN	0.050	0.210	0.396	0.350	0.220	0.153	0.045	0.145	0.408	0.797	0.678	0.280	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.32
MAXIMUM DAILY, 31.0B ON FEB 18
MINIMUM DAILY, 0.045 ON JUL 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 29 55 N
LONG 79 46 40 W
DRAINAGE AREA, 199 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	317	JUL	652
FEB	14 000	AUG	1 190
MAR	2 230	SEP	5 080
APR	1 610	OCT	7 590
MAY	994	NOV	5 540
JUN	605	DEC	1 940

TOTAL DISCHARGE, 41 700 dam³

EAST RIVER NEAR HUNTSVILLE - STATION NO. 02EB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.45B	3.92B	30.5 B	50.3	6.78	7.65	5.59	2.86	65.7	22.3	10.3	8.21	1
2	4.43B	3.90B	26.0 B	57.2	8.58	7.06	5.36	2.80	114	22.0	9.79	8.13	2
3	4.40B	3.90B	22.0 B	59.2	9.69	6.59	5.12	2.77	143	21.1	9.17	8.35	3
4	4.38B	3.90B	19.0 B	65.9	9.77	6.49	4.93	3.06	96.8	19.4	8.77	8.52	4
5	4.36B	3.89B	17.0 B	85.6	9.33	6.26	5.05	5.63	81.1	18.1	8.40	8.43	5
6	4.35B	3.88B	15.4 B	72.7	9.24	6.29	5.36	4.83	63.5	17.3	7.80	8.30B	6
7	4.33B	3.87B	13.8 B	55.7	8.82	6.41	5.53	4.28	49.0	19.3	7.73	8.10B	7
8	4.30B	3.86B	12.8 B	44.2	8.41	6.44	5.46	5.17	43.9	23.1	7.56	7.98	8
9	4.27B	3.85B	12.0 B	47.4	7.96	6.57	5.30	7.64	39.4	24.2	7.25	7.58	9
10	4.25B	3.88B	11.2 B	56.4	7.72	6.57	5.00	8.45	46.3	22.2	7.32	6.95	10
11	4.24B	4.50B	10.7 B	56.9	10.0	6.49	4.67	8.74	75.9	19.6	6.78	6.98	11
12	4.23B	5.10B	10.2 B	56.6	14.1	6.26	4.51	8.18	65.5	17.2	6.52	6.89	12
13	4.22B	5.60B	9.70B	39.8	17.3	6.04	4.34	7.44	55.6	15.6	6.68	6.73	13
14	4.20B	6.00B	9.40B	31.9	19.4	5.85	4.14	6.65	45.5	14.0	6.30	6.76	14
15	4.18B	6.20B	9.00B	32.1	19.2	5.80	3.83	6.40	36.8	12.9	6.02	6.74	15
16	4.17B	6.40B	8.70B	29.4	18.1	5.80	3.64	6.68	30.2	12.5	5.99	6.57	16
17	4.15B	6.45B	8.40B	26.2	16.8	5.67	3.38	6.47	26.9	15.1	6.17	6.07	17
18	4.14B	6.45B	8.10B	24.2	15.1	5.44	3.35	5.94	24.1	21.2	6.44	5.95	18
19	4.13B	6.45B	7.87B	22.1	13.4	5.20	3.24	5.52	24.2	27.8	6.41	6.20	19
20	4.12B	6.60B	7.70B	20.1	12.2	4.85	3.20	5.05	23.7	28.7	6.44	7.15	20
21	4.10B	9.60B	7.60B	18.1	11.1	4.61	3.38	4.69	21.2	26.4	6.51	6.71	21
22	4.06B	21.0 B	7.50B	16.7	10.4	5.03	3.24	4.39	18.8	23.6	6.43	6.17	22
23	4.04B	35.0 B	7.40B	15.2	9.46	6.26	3.12	4.25	17.0	20.9	6.27	6.90B	23
24	4.02B	72.8	7.35B	14.4	8.80	6.56	2.99	4.17	15.8	19.0	6.20B	6.70B	24
25	4.01B	82.3	7.35B	14.2	8.53	6.55	2.97	3.95	14.5	17.4	6.08	6.60B	25
26	4.00B	63.7	7.30B	14.0	8.46	6.40	2.90	3.77	18.0	15.9	5.96	6.40B	26
27	4.00B	51.1	7.30E	13.7	8.41	6.12	2.90	3.55	26.9	14.5	6.82	6.30B	27
28	4.00B	43.5	7.35B	12.2	8.08	5.68	2.92	4.07	29.5	17.0	8.32	6.25B	28
29	3.98B		8.00B	12.2	7.81	5.45	3.03	10.7	27.9	14.2	8.57	6.20B	29
30	3.96B		13.0 B	12.0	8.59	5.59	3.00	23.1	24.2	11.8	8.35	6.20B	30
31	3.95B		37.5		8.47		2.95	60.7		10.9		6.15B	31
TOTAL	129.42	477.60	387.12	1 076.6	340.01	181.98	124.40	241.90	1 364.9	585.2	217.15	217.17	TOTAL
MEAN	4.17	17.1	12.5	35.9	11.0	6.07	4.01	7.80	45.5	18.9	7.24	7.01	MEAN
MAX	4.45	82.3	37.5	85.6	19.4	7.65	5.59	60.7	143	28.7	10.3	8.52	MAX
MIN	3.95	3.85	7.30	12.0	6.78	4.61	2.90	2.77	14.5	10.9	5.96	5.95	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.6
MAXIMUM DAILY, 143 ON SEP 3
MINIMUM DAILY, 2.77 ON AUG 3
MAXIMUM INSTANTANEOUS,
159 AT 00:02 EST ON SEP 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 23 33 N
LONG 79 09 33 W
DRAINAGE AREA, 593 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 200	JUL	10 700
FEB	41 300	AUG	20 900
MAR	33 400	SEP	118 000
APR	93 000	OCT	50 600
MAY	29 400	NOV	18 800
JUN	15 700	DEC	18 800

TOTAL DISCHARGE, 462 800 dam³

EELS CREEK BELOW APSLEY - STATION NO. 02HH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.22B	0.990B	11.2	14.9	3.45	3.04	1.06	2.73	1.08	3.46	5.23	3.23	1
2	2.20B	0.970B	9.29	13.1	3.29	2.87	1.03	2.57	1.17	4.57	4.79	3.64	2
3	2.17B	0.987B	7.46B	9.96	3.11	2.78	0.970	2.46	1.05	4.99	4.46	3.49	3
4	2.15B	1.04 B	5.80B	9.10	2.96	2.52	0.926	2.35	1.18	4.96	4.20	3.46	4
5	2.13B	1.03 B	5.06	9.58	2.75	1.84	0.920	2.28	1.73	4.84	4.02	3.29	5
6	2.11B	1.01 B	4.61	9.29	2.40	1.63 A	1.46	2.20	2.58	4.85	4.00	2.79	6
7	2.08B	0.990B	4.08	8.29	2.25	1.50	1.53	2.05	2.65	5.04	4.23	2.90	7
8	2.04B	0.970B	3.76	7.83	2.13	1.35	1.15	1.99	2.80	4.83	4.22	3.09	8
9	1.99B	0.950B	3.66	9.39	1.92	1.36	0.931	1.95	3.91	4.53	3.90	2.33	9
10	1.94B	0.940B	3.58	9.29	1.59	1.36	0.817	1.89	4.44	4.08	3.66	2.60	10
11	1.89B	1.50 B	3.28	8.35	1.96	1.26	0.744	2.01	4.80	3.79	3.49	2.84	11
12	1.84B	2.50 B	3.08	7.68	3.51	1.08	0.704	2.03	4.78	3.56	3.35	2.96	12
13	1.77B	5.50 B	2.86	6.96	4.40	0.977	0.665	1.82	4.47	3.38	3.26	2.71	13
14	1.70B	5.50 B	2.53	7.03	4.55	0.954	0.685	1.70	3.75	3.22	3.18	2.65	14
15	1.62B	5.00 B	2.71	7.64	4.45	1.15	0.659	1.80	3.19	3.02	3.07	2.60	15
16	1.56B	4.80 B	2.54	7.19	5.06	1.65 A	0.812	1.93	2.81	2.94	3.03	2.53	16
17	1.50B	4.60 B	2.40	6.72	5.97	1.28 A	2.75	1.76	2.71	2.83	3.05	2.32	17
18	1.44B	4.60 B	2.19	7.16	5.77	1.13	3.08	1.61	2.84	3.10	3.11	2.38	18
19	1.39B	4.90 B	2.20	6.39	5.28	0.973	2.93	1.45	2.78	3.89	3.04	2.25	19
20	1.34B	5.40 B	1.99	5.81	4.80	0.865	2.81	1.33	2.70	3.95	3.04	2.12	20
21	1.29B	9.00 B	1.90	5.38	4.46	0.796	2.69	1.23	2.57	3.85	3.18	2.12	21
22	1.25B	13.0 B	1.83	4.98	4.10	1.39	2.55	1.17	2.46	3.74	3.39	2.25	22
23	1.21B	20.0 B	1.91	4.80	3.81	3.17	2.61	1.08	2.35	3.82	3.20	2.30	23
24	1.17B	36.0 B	2.04	5.26	3.61	2.70	2.89	1.01	2.63	4.00	2.83	2.30	24
25	1.13B	36.5 B	2.30	5.89	3.51	2.14	2.88	0.962	3.37	3.93	2.85	2.27	25
26	1.10B	25.2	2.48	5.73	3.51	1.79	2.76	0.930	3.47	3.93	2.80	2.19	26
27	1.13B	18.1	2.63	5.42	3.47	1.52	2.62	0.873	3.75	4.41	3.25	2.13	27
28	1.17B	14.2	2.85	5.16	3.53	1.29	2.62	0.841	3.75	5.66	3.85	2.11	28
29	1.12B		3.06	4.66	3.44	1.13 A	2.67	0.868	3.55	6.07	3.83	2.09	29
30	1.07B		4.86A	3.74	3.47	1.06	2.67	0.847	3.25	5.72	3.54	2.05	30
31	1.03B		11.8		3.30		2.85	0.843		5.24		2.04	31
TOTAL	49.75	226.177	121.94	222.68	111.81	48.555	56.443	50.564	88.57	130.20	107.25	80.04	TOTAL
MEAN	1.60	8.08	3.93	7.42	3.61	1.62	1.82	1.63	2.95	4.20	3.58	2.58	MEAN
MAX	2.22	36.5	11.8	14.9	5.97	3.17	3.08	2.73	4.80	6.07	5.23	3.64	MAX
MIN	1.03	0.940	1.83	3.74	1.59	0.796	0.659	0.841	1.05	2.83	2.80	2.04	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.55
MAXIMUM DAILY, 36.5B ON FEB 25
MINIMUM DAILY, 0.659 ON JUL 15
MAXIMUM INSTANTANEOUS,
41.1 AT 01:00 EST ON FEB 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 38 30 N
LONG 78 08 07 W
DRAINAGE AREA, 241 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 300	JUL	4 880
FEB	19 500	AUG	4 370
MAR	10 500	SEP	7 650
APR	19 200	OCT	11 200
MAY	9 660	NOV	9 270
JUN	4 200	DEC	6 920

TOTAL DISCHARGE, 112 000 dam³

EKWAN RIVER BELOW NORTH WASHAGAMI RIVER - STATION NO. 04EA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.4B	9.90B	8.10B	7.20B	10.7B	240 E	73.4	25.0	38.0	72.5	52.0E	20.0B	1
2	17.2B	9.80B	8.10B	7.20B	12.2B	210 E	68.6	26.0E	42.5	73.0	54.0E	19.6B	2
3	16.9B	9.70B	8.00B	7.20B	14.0B	195 E	64.5	26.2E	43.3	71.7	57.0E	19.0B	3
4	16.7B	9.60B	8.00B	7.20B	20.0B	182 E	59.9	26.2E	41.7	69.8	58.0E	18.7B	4
5	16.3B	9.40B	8.00B	7.15B	28.0B	173 E	56.3	25.8E	39.1	68.0	60.0E	18.3B	5
6	16.0B	9.30B	7.90B	7.10B	37.0B	167 E	57.6	24.7E	36.0	66.0	59.0E	17.8B	6
7	15.8B	9.10B	7.90B	7.10B	52.0B	162 E	58.0	24.4	34.7	63.9	58.0E	17.3B	7
8	15.5B	8.90B	7.90B	7.05B	66.0B	157 E	56.4	24.2	35.5	62.0E	55.0E	17.0B	8
9	15.2B	8.80B	7.80B	7.05B	92.0B	155 E	54.2	27.8	36.2	60.5E	52.0E	16.8B	9
10	14.9B	8.70B	7.80B	7.05B	150 B	151 E	50.9	38.6	36.5	59.0E	47.0B	16.4B	10
11	14.7B	8.50B	7.80B	7.00B	240 B	148 E	47.6	48.0	36.1	57.0E	43.0B	16.0B	11
12	14.4B	8.40B	7.80B	7.00B	380 E	147 E	45.7	55.3	35.4	55.5E	40.0B	15.6B	12
13	14.1B	8.30B	7.80B	7.00B	780 E	145 E	44.4	58.4	36.0	54.5E	37.0B	15.3B	13
14	13.7B	8.20B	7.70B	7.00B	920 E	143 E	41.5	60.4	36.6	53.5E	35.0B	15.0B	14
15	13.6B	8.10B	7.70B	7.00B	1 000 E	142 E	38.0	66.2	36.9	53.0E	33.5B	14.7B	15
16	13.3B	8.10B	7.70B	7.00B	990 E	141 E	35.1	66.5	36.6	52.0E	32.0B	14.4B	16
17	13.1B	8.00B	7.60B	7.00B	980 E	139 A	31.5	63.8	36.4	51.0E	30.0B	14.1B	17
18	12.8B	8.00B	7.60B	7.05B	950 E	137 A	28.7	60.6	36.4	50.0E	28.5B	13.9B	18
19	12.7B	8.00B	7.60B	7.05B	930 E	135	27.4	57.1	36.9	50.0E	28.0B	13.7B	19
20	12.3B	8.10B	7.60B	7.10B	890 E	132	27.2	56.3	36.4	48.0E	27.0B	13.3B	20
21	12.1B	8.10B	7.50B	7.15B	840 E	130	26.1	56.7	36.8	63.0E	26.0B	13.0B	21
22	11.8B	8.20B	7.50B	7.20B	800 E	125	24.2	53.7	36.0	61.0E	25.5B	12.7B	22
23	11.6B	8.20B	7.50B	7.30B	740 E	119	22.7	57.1	34.9	58.0E	24.5B	12.4B	23
24	11.4B	8.20B	7.40B	7.50B	690 E	113	21.2	59.8	33.7	56.0E	24.0B	12.2B	24
25	11.3B	8.20B	7.40B	7.70B	640 E	108	23.6	58.1	33.7	54.0E	23.3B	12.0B	25
26	11.1B	8.20B	7.40B	7.90B	570 E	102	24.8	55.1	33.7	52.5E	22.5B	11.7B	26
27	10.9B	8.20B	7.40B	8.20B	500 E	95.7	25.3	51.5	37.1	51.0E	22.0B	11.6B	27
28	10.7B	8.20B	7.40B	8.60B	420 E	89.9	24.1	48.0	47.9	50.5E	21.5B	11.4B	28
29	10.6B		7.35B	9.00B	360 E	84.6	22.5	44.6	57.9	50.0E	21.0B	11.3B	29
30	10.3B		7.30B	9.70B	310 E	78.9	21.6	41.3	67.5	49.5E	20.5B	11.2B	30
31	10.1B		7.25B		270 E		23.1	37.6		49.0E		11.0B	31
TOTAL	418.5	240.40	237.80	221.75	14 681.9	4 247.1	1 226.1	1 425.0	1 166.4	1 815.4	1 116.8	457.4	TOTAL
MEAN	13.5	8.59	7.67	7.39	474	142	39.6	46.0	38.9	58.6	37.2	14.8	MEAN
MAX	17.4	9.90	8.10	9.70	1 000	240	73.4	66.5	67.5	73.0	60.0	20.0	MAX
MIN	10.1	8.00	7.25	7.00	10.7	78.9	21.2	24.2	33.7	49.0	20.5	11.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 74.7
MAXIMUM DAILY, 1 000E ON MAY 15
MINIMUM DAILY, 7.00B ON APR 11

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 48 30 N
LONG 84 55 20 W
DRAINAGE AREA, 10 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	36 200	JUL	106 000
FEB	20 800	AUG	123 000
MAR	20 500	SEP	101 000
APR	19 200	OCT	157 000
MAY	1 270 000	NOV	96 500
JUN	367 000	DEC	39 500

TOTAL DISCHARGE, 2 360 000 dam³

ENGLISH RIVER AT CARIBOU FALLS - STATION NO. 05QE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	381	413	344	232	166	98.7	210	90.8	168	407	307	268	1
2	443	425	344	158	182	98.7	192	91.1	199	412	366	315	2
3	378	305	344	239	166	71.6	200	75.8	210	192	334	269	3
4	393	439	344	278	166	35.8	188	268	287	287	334	292	4
5	369	361	359	158	146	36.4	210	156	240	350	324	187	5
6	429	437	359	112	169	0	229	101	187	276	249	274	6
7	428	313	359	10.6	166	0	198	90.2	0	327	232	310	7
8	309	404	359	124	166	0	232	80.3	107	345	249	248	8
9	308	367	359	195	154	0	211	95.8	122	282	296	295	9
10	346	395	335	212	126	0	188	106	187	300	341	437	10
11	418	429	359	196	174	0	156	110	375	271	281	226	11
12	308	518	295	183	156	0	130	186	234	286	314	262	12
13	394	394	225	183	159	0	203	110	184	308	242	201	13
14	363	454	270	176	150	0	144	111	257	328	259	307	14
15	434	376	348	127	139	0	148	75.3	321	324	327	277	15
16	355	447	359	256	166	0	136	110	279	352	301	310	16
17	377	377	359	189	166	0	157	151	278	309	283	247	17
18	422	483	359	166	166	0	190	130	255	328	239	269	18
19	365	330	279	166	146	14.2	121	153	234	366	397	257	19
20	437	518	283	220	135	58.7	198	184	244	343	301	190	20
21	322	412	276	176	121	171	158	225	258	355	275	206	21
22	345	511	288	178	122	135	90.8	81.7	236	352	257	176	22
23	428	420	359	203	166	114	118	113	243	328	284	187	23
24	370	361	359	166	159	118	142	129	228	327	292	172	24
25	316	361	356	166	125	161	134	163	225	275	356	158	25
26	446	344	192	166	121	170	92.5	174	181	361	228	166	26
27	355	344	355	166	108	160	151	167	220	264	258	176	27
28	420	344	273	166	148	197	139	186	251	313	259	166	28
29	418		359	183	76.2	172	201	160	190	306	262	180	29
30	365		244	166	61.8	146	90.8	115	292	276	345	175	30
31	361		285		69.6		181	184		372		172	31
TOTAL	11 763	11 282	9 988	5 316.6	4 441.6	1 958.1	5 139.1	4 169.0	6 692	9 922	8 792	7 375	TOTAL
MEAN	379	403	322	177	143	65.3	166	134	223	320	293	238	MEAN
MAX	446	518	359	278	182	197	232	264	375	412	397	437	MAX
MIN	308	305	192	10.6	61.8	0	90.8	75.3	0	192	228	158	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 238
MAXIMUM DAILY, 518 ON FEB 12
MINIMUM DAILY, 0 ON JUN 6

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 16 00 N
LONG 94 58 15 W
DRAINAGE AREA, 52 300 km²

REGULATED SINCE 1929

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 020 000	JUL	444 000
FEB	975 000	AUG	360 000
MAR	863 000	SEP	578 000
APR	459 000	OCT	857 000
MAY	384 000	NOV	760 000
JUN	169 000	DEC	637 000

TOTAL DISCHARGE, 7 510 000 dam³

ENGLISH RIVER AT EAR FALLS - STATION NO. 05QE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	281	288	159	87.7	61.2	25.5	1.00	28.9	99.0	197	199	87.2	1
2	280	284	164	82.7	60.3	27.2	1.00	26.4	102	218	203	80.2	2
3	279	276	160	83.4	49.2	13.4	1.00	28.0	120	189	201	82.2	3
4	277	250	162	84.4	55.3	1.00	1.00	28.3	122	201	201	86.1	4
5	282	250	183	82.7	60.4	1.00	1.00	27.8	132	202	199	85.0	5
6	288	248	183	83.6	58.2	1.00	1.00	71.0	127	198	197	84.4	6
7	288	248	179	76.9	63.6	1.00	1.00	104	124	200	207	84.3	7
8	287	249	173	105	57.0	1.00	1.00	103	125	200	187	87.1	8
9	288	249	173	82.2	57.0	1.00	1.00	95.1	134	200	201	89.0	9
10	287	248	169	81.5	37.3	1.00	1.00	98.8	142	194	195	84.4	10
11	285	250	139	88.5	28.1	1.00	1.00	98.8	152	199	200	82.4	11
12	286	245	119	79.0	25.1	1.00	1.00	98.8	147	192	187	81.7	12
13	284	245	113	84.4	24.3	1.00	1.00	101	147	190	151	90.0	13
14	284	248	112	85.3	27.8	1.00	1.00	98.8	171	187	145	88.6	14
15	286	243	118	83.7	33.1	1.00	1.00	99.9	163	202	141	84.0	15
16	291	247	110	86.1	29.3	1.00	1.00	101	184	203	142	84.6	16
17	293	248	114	89.6	29.4	1.00	1.00	101	145	212	147	84.7	17
18	293	259	113	85.3	27.8	1.00	1.00	97.3	145	193	143	85.8	18
19	290	255	116	84.3	27.2	1.00	1.00	97.3	171	195	138	85.9	19
20	290	257	111	85.6	27.2	1.00	1.00	97.8	188	197	139	84.4	20
21	289	255	113	85.7	29.3	1.00	1.00	98.8	184	199	143	81.3	21
22	291	255	112	83.7	29.3	1.00	1.00	98.8	188	198	142	90.0	22
23	292	252	112	79.3	29.3	3.50	1.00	98.8	186	195	139	92.8	23
24	290	254	114	61.3	29.3	1.00	1.00	99.4	182	198	142	88.6	24
25	289	248	111	56.8	29.3	1.00	1.00	96.4	184	211	138	86.1	25
26	287	248	113	54.6	29.3	1.00	1.00	99.3	183	200	114	84.0	26
27	286	221	115	59.1	30.3	1.00	1.00	98.6	203	198	84.5	76.1	27
28	284	164	116	56.8	27.2	1.00	1.00	98.1	200	194	83.1	81.1	28
29	287		115	56.0	29.3	1.00	24.5	98.3	193	191	83.1	86.0	29
30	291		110	65.2	27.2	1.00	25.9	99.1	187	204	84.4	86.1	30
31	287		111		27.2		29.0	99.1		201		133	31
TOTAL	8 892	6 984	4 112	2 360.4	1 155.8	95.60	107.40	2 687.7	4 690.0	6 158	4 676.1	2 687.1	TOTAL
MEAN	287	249	133	78.7	37.3	3.19	3.46	86.7	156	199	156	86.7	MEAN
MAX	293	288	183	105	63.6	27.2	29.0	104	203	218	207	133	MAX
MIN	277	164	110	54.6	24.3	1.00	1.00	26.4	99.0	187	83.1	76.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 122
MAXIMUM DAILY, 293 ON JAN 17
MINIMUM DAILY, 1.00 ON JUN 4

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 38 00 N
LONG 93 12 30 W
DRAINAGE AREA, 26 400 km²

REGULATED SINCE 1929

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	768 000	JUL	9 280
FEB	603 000	AUG	232 000
MAR	355 000	SEP	405 000
APR	204 000	OCT	532 000
MAY	99 900	NOV	404 000
JUN	8 260	DEC	232 000

TOTAL DISCHARGE, 3 850 000 dam³

ENGLISH RIVER AT MANITOU FALLS - STATION NO. 05QE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	272	295	212	142	113	53.0	15.7	37.5	124	267	309	204	1
2	312	328	242	141	162	68.3	100	44.3	133	281	287	240	2
3	362	370	170	173	109	47.0	93.9	42.8	137	238	240	184	3
4	361	370	327	121	122	13.8	47.0	91.0	174	237	264	122	4
5	361	333	269	47.2	122	15.8	88.2	29.9	282	348	273	120	5
6	390	203	318	82.5	107	13.8	76.1	40.0	231	271	252	237	6
7	386	338	224	119	77.4	4.80	50.9	80.0	10.6	203	324	209	7
8	365	274	212	169	119	21.1	97.7	211	123	279	295	218	8
9	363	367	239	169	94.1	16.5	52.2	119	246	245	324	151	9
10	365	330	322	183	49.1	44.4	16.7	119	310	295	252	143	10
11	350	284	250	95.4	94.3	0	26.4	158	266	185	293	107	11
12	334	343	145	116	19.6	15.8	28.0	156	183	261	273	59.4	12
13	334	270	101	124	62.2	17.6	51.0	152	184	308	173	43.7	13
14	363	290	183	146	68.8	20.8	46.1	172	212	359	208	211	14
15	355	319	154	96.8	80.5	68.2	27.7	129	219	289	240	139	15
16	355	363	234	148	57.1	109	42.9	140	196	278	207	193	16
17	354	230	313	129	37.2	89.1	58.6	129	222	239	299	150	17
18	303	294	120	96.8	55.0	114	41.2	119	204	279	210	184	18
19	357	360	167	94.2	56.6	53.5	19.9	136	180	306	260	104	19
20	357	283	151	105	62.6	0	25.6	164	251	295	206	0	20
21	358	272	97.1	108	17.7	17.5	14.1	148	267	295	160	90.4	21
22	365	352	94.2	163	15.5	28.2	48.2	68.5	254	304	287	123	22
23	365	406	168	181	38.9	92.4	49.1	114	273	286	237	122	23
24	278	365	182	35.1	29.1	54.2	76.6	179	238	409	223	126	24
25	358	287	150	70.2	69.8	91.1	33.3	140	234	142	234	109	25
26	382	256	175	110	23.3	49.8	13.8	127	210	188	170	126	26
27	359	286	160	91.7	49.1	66.7	46.1	88.7	277	218	162	118	27
28	383	229	156	93.7	58.9	102	46.1	158	285	273	147	117	28
29	357		105	119	43.2	115	48.2	137	311	260	167	119	29
30	357		189	103	43.8	70.7	49.2	130	322	243	210	168	30
31	357		239		51.6		83.0	175		327		140	31
TOTAL	10 918	8 697	6 068.3	3 570.6	2 109.4	1 474.10	1 513.5	3 734.7	6 558.6	8 408	7 186	4 377.5	TOTAL
MEAN	352	311	196	119	68.0	49.1	48.8	120	219	271	240	141	MEAN
MAX	390	406	327	183	162	115	100	211	322	409	324	240	MAX
MIN	272	203	94.2	35.1	15.5	0	13.8	29.9	10.6	142	147	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 177
MAXIMUM DAILY, 409 ON OCT 24
MINIMUM DAILY, 0 ON JUN 11

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 35 01 N
LONG 93 27 15 W
DRAINAGE AREA, 37 000 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	943 000	JUL	131 000
FEB	751 000	AUG	323 000
MAR	524 000	SEP	567 000
APR	308 000	OCT	726 000
MAY	182 000	NOV	621 000
JUN	127 000	DEC	378 000

TOTAL DISCHARGE, 5 580 000 dam³

ENGLISH RIVER AT UMFREVILLE - STATION NO. 05QA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	33.2	25.8	24.2	25.5	61.6	64.2	61.5	33.1	16.7	9.63	11.2	14.8	1
2	32.6	25.6	24.0	26.1	63.9	62.7	61.9	31.6	16.1	9.77	11.1	14.8	2
3	32.3E	25.4	23.9	26.2	65.5	62.7	62.4	30.6	16.1	9.56	11.1	14.9	3
4	32.1E	25.5	24.0	25.9	65.9	62.8	61.9	30.0	15.3	9.41	11.3	15.0	4
5	31.8E	25.5	24.0	26.3	66.8	63.6	61.6	29.4	14.8	9.70	11.6	15.1	5
6	31.6E	25.3	23.9	27.0	68.3	62.6	61.0	28.7	14.8	9.96	11.1	15.1	6
7	31.3E	25.1	24.0	28.1	70.0	61.8	60.8	27.7	15.5	9.73	11.5	15.2	7
8	31.1E	25.0	23.9	28.7	70.8	63.0	60.0	27.5	14.9	9.55	11.4	15.2	8
9	30.8E	24.9	23.9	29.3	70.0	63.2	58.7	27.1	14.4	9.31	11.5	15.4	9
10	30.6E	24.6A	23.9	30.2	71.5	62.8	57.0	26.6	14.3	9.48	11.9	15.4	10
11	30.3E	24.6E	24.2	30.9	72.5	62.7	55.6	26.4	14.1	9.60	11.6	15.4	11
12	30.1E	24.5E	24.3	31.9	73.0E	62.3	54.2	25.5	13.9	9.43	12.0	16.0	12
13	29.7E	24.5E	23.9	33.2	73.2E	61.7	52.6	24.9	13.4	9.94	12.4	16.2	13
14	29.5E	24.5E	23.9	34.1	73.4E	61.5	50.7	24.9	12.7	10.1	12.4	16.2	14
15	29.2E	24.5E	23.4	35.2	73.3E	62.2	49.5	23.5	12.1	9.85	12.1	16.2	15
16	29.0E	24.4E	23.8	36.8	73.2E	61.2	48.2	23.1	11.6	9.83	12.5	16.2	16
17	28.7E	24.4E	23.9	37.8	73.1E	61.0	46.8	22.8	11.4	9.98	12.8	16.2	17
18	28.5E	24.3E	23.6	39.2	72.5E	61.6	46.3	22.5	11.3	9.49	12.4	16.4	18
19	28.2E	24.2E	23.6	40.6	71.1	59.4	45.5	22.1	10.5	9.48	12.0	16.2	19
20	28.0E	24.2E	23.7	41.6	70.0	58.2	43.4	21.7	10.1	9.66	12.0	16.3	20
21	27.7E	24.2E	23.7	43.1	69.1	56.4	42.2	21.2	9.52	9.71	12.3	16.5	21
22	27.5	24.2E	23.9	44.5	67.6	55.3	41.4	20.8	9.35	9.81	12.6	16.9	22
23	27.1	24.1E	23.7	46.5	65.4	54.4	40.3	20.2	9.28	9.87	12.8	16.7	23
24	26.8	24.1E	23.4	48.5	64.2	54.4	39.8	19.3	9.46	10.2	13.0	16.7	24
25	26.7	24.0	23.4	50.4	63.8	55.4	39.1	18.9	9.06	10.6	13.2	16.8	25
26	26.4	24.1	23.3	52.8	64.3	55.3	37.7	18.2	9.72	10.4	13.7	16.8	26
27	26.1	24.1	23.4	54.8	64.3	55.6	36.8	17.7	10.5	10.5	14.3	16.8	27
28	26.1	24.1	23.9	56.7	64.0	58.0	36.2	17.4	9.61	10.4	14.5	17.1	28
29	25.9		24.1	57.9	64.2	58.9	35.6	17.2	9.02	10.7	14.6	17.0	29
30	25.6		24.0	59.4	63.7	60.6	35.1	16.8	8.67	10.9	14.7	17.0	30
31	25.8		24.1		63.2		34.5	16.9		11.6		17.0	31
TOTAL	900.3	689.7	738.9	1 149.2	2 113.4	1 804.5	1 518.3	734.3	368.19	208.15	371.6	497.5	TOTAL
MEAN	29.0	24.6	23 8	38.3	68.2	60.2	49.0	23.7	12.3	9.94	12.4	16.0	MEAN
MAX	33.2	25.8	24.3	59.4	73.4	63.6	62.4	33.1	16.7	11.6	14.7	17.1	MAX
MIN	25.6	24.0	23.3	25.5	61.6	54.4	34.5	16.8	8.67	9.31	11.1	14.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.7
MAXIMUM DAILY, 73.4E ON MAY 14
MINIMUM DAILY, 8.67 ON SEP 30

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 52 30 N
LONG 91 27 30 W
DRAINAGE AREA, 6 230 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	77 800	JUL	131 000
FEB	59 600	AUG	63 400
MAR	63 800	SEP	31 800
APR	99 300	OCT	26 600
MAY	183 000	NOV	32 100
JUN	156 000	DEC	43 000

TOTAL DISCHARGE, 967 000 dam³

ENGLISH RIVER NEAR SIOUX LOOKOUT - STATION NO. 05QA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	67.7	56.1	48.3	46.8	68.6	100	134	102	55.7	35.1	25.0	24.6	1
2	67.6	55.9	48.1	47.5	69.9	101	137	99.7	54.4	34.2	24.7	24.7	2
3	67.5	55.4	47.9	48.1	71.4	101	140	97.8	52.5	33.4	24.6	24.4	3
4	67.1	55.3	47.9	47.9	72.9	101	144	95.7	51.8	33.1	23.8	24.2	4
5	66.5	54.5	47.7	47.3	74.2	102	146	93.4	50.9	32.9	24.0	24.2	5
6	66.2	54.3	47.6	47.2	75.4	104	149	92.7	49.5	32.9	24.3	24.3	6
7	65.9	54.3	47.4	47.0	76.9	105	149	90.8	50.1	32.7	24.0	24.4	7
8	65.6	53.7	47.1	47.2	78.4	107	150	89.5	49.4	32.1	23.8	24.5	8
9	65.1	53.8	47.0	47.6	80.7	108	150	88.5	48.2	31.4	23.3	24.4	9
10	64.6	53.4	47.0	47.8	81.7	108	150	86.5	47.7	30.9	23.6	24.4	10
11	64.3	53.3	46.7	48.5	82.9	109	149	84.8	46.7	30.6	23.7	24.3	11
12	63.6	52.9	46.5	48.9	84.5	110	148	83.7	45.5	30.1	23.3	24.8	12
13	63.0	52.4	46.4	49.6	85.8	111	146	81.8	44.9	29.9	23.1	25.2	13
14	62.6	52.0	46.0	49.4	86.9	113	143	80.1	43.9	29.6	23.4	25.4	14
15	62.1	51.4	46.0	49.7	88.2	115	140	78.5	42.8	29.1	23.5	25.3	15
16	61.7	50.6	45.7	50.2	89.0	116	137	76.3	42.1	28.8	23.9	25.4	16
17	61.2	50.2	45.6	51.0	88.5	116	137	74.3	40.5	28.9	23.9	25.5	17
18	60.5	49.9	45.1	51.6	89.0	115	135	73.1	39.7	29.3	24.3	25.5	18
19	60.5	49.7	45.1	53.0	90.1	117	134	71.9	39.3	28.5	24.0	25.6	19
20	59.6	49.4	45.1	53.3	90.2	118	132	70.3	38.5	28.2	23.6	25.7	20
21	59.4	49.3	44.9	54.0	90.8	118	129	69.0	37.9	27.7	23.3	25.9	21
22	58.9	48.9	44.6	55.9	91.7	118	125	67.5	36.8	27.1	23.1	26.5	22
23	58.7	49.1	44.4	58.2	93.4	116	122	67.1	35.9	26.8	23.0	27.2	23
24	58.3	49.2	44.2	60.1	94.2	119	119	65.5	35.6	26.3	22.9	26.9	24
25	57.9	49.3	44.0	60.9	95.5	120	118	63.5	34.9	26.3	23.0	26.8	25
26	57.9	49.1	43.9	62.7	95.9	120	115	62.2	35.3	25.8	23.8	27.0	26
27	57.5	49.0	43.9	64.4	96.0	120	112	60.9	35.8	25.9	24.6	27.1	27
28	57.2	48.6	44.6	65.4	96.9	125	110	60.0	35.4	26.0	24.4	27.1	28
29	56.9		44.8	66.8	98.5	129	107	58.3	34.7	25.6	24.4	26.9	29
30	56.7		44.7	67.9	99.2	133	104	56.9	34.2	25.3	24.2	27.0	30
31	56.2		44.8		99.7		104	56.0		24.5		27.0	31
TOTAL	1 918.5	1 451.0	1 423.0	1 595.9	2 677.0	3 395	4 115	2 398.3	1 290.6	909.0	714.5	792.2	TOTAL
MEAN	61.9	51.8	45.9	53.2	86.4	113	133	77.4	43.0	29.3	23.8	25.6	MEAN
MAX	67.7	56.1	48.3	67.9	99.7	133	150	102	55.7	35.1	25.0	27.2	MAX
MIN	56.2	48.6	43.9	46.8	68.6	100	104	56.0	34.2	24.5	22.9	24.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 62.1
MAXIMUM DAILY, 150 ON JUL 8
MINIMUM DAILY, 22.9 ON NOV 24
MAXIMUM INSTANTANEOUS,
152 AT 16:26 CST ON JUL 8

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 04 15 N
LONG 91 56 40 W
DRAINAGE AREA, 13 900 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	166 000	JUL	356 000
FEB	125 000	AUG	207 000
MAR	123 000	SEP	112 000
APR	138 000	OCT	78 500
MAY	231 000	NOV	61 700
JUN	293 000	DEC	68 400

TOTAL DISCHARGE, 1 960 000 dam³

ERAMOSA RIVER ABOVE GUELPH - STATION NO. 02GA029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.20 B	0.840B	5.66	5.51	2.66	1.36	0.843	1.18	2.52	1.59	3.83	2.68	1
2	1.10 B	0.889B	5.10	4.97	2.16	1.29	0.575	0.993	2.26	2.23	2.90	2.76	2
3	1.00 B	0.850B	4.28	4.18	1.82	1.23	0.641	0.910	2.31	2.50	2.46	3.02	3
4	0.920B	0.800B	3.99	3.72	1.77	1.16	0.753	0.983	4.67	2.26	2.64	2.99	4
5	0.860B	0.760B	3.28	3.62	1.57	1.16	6.52	1.21	6.02	1.78	2.47	2.75	5
6	0.905B	0.770B	2.99B	3.36	1.09	1.15	8.05	1.67	5.93	1.95	2.43	2.47	6
7	0.900B	0.780B	2.84B	2.90	1.03	1.09	6.72	1.44	4.89	2.74	2.44	2.28	7
8	0.890B	0.760B	2.85	2.55	1.24	1.05	3.95	1.12	3.59	3.16	2.39	2.21	8
9	0.880B	0.755B	2.75	2.35	1.32	1.03	2.86	1.06	2.72	2.74	2.25	2.11B	9
10	0.870B	0.750B	2.67	2.27	1.42	0.978	1.43	2.07	2.04	2.29	2.13	1.95B	10
11	0.865B	2.50 B	2.66	2.18	2.37	0.983	1.16	2 63	1.56	2.42	2.04	1.83	11
12	0.860B	2.35 B	2.57	2.13	3.59	1.05	1.11	2.70	1.54	1.81	1.93	1.75B	12
13	0.880B	2.15 B	2.54	2.09	3.69	1.13	1.02	2.14	1.50	1.67	1.90	1.57	13
14	0.900B	1.95 B	2.34B	2.79	3.09	1.12	0.918	1.61	1.34	1.63	1.82	1.54	14
15	0.920B	1.78 B	2.25	4.10	2.69	1.14	0.821	1.71	1.21	1.48	1.86	1.53	15
16	0.940B	2.50 B	2.25B	4.26	2.64	1.13	0.778	2.37	1.25	1.49	2.00	1.52	16
17	0.920B	4.00 B	2.10	3.35	2.60	1.18	0.681	2.44	1.16	1.65	2.93	1.51	17
18	0.900B	6.00 B	2.06B	3.47	2.34	1.10	0.702	1.86	1.16	2.08	3.66	1.41B	18
19	0.930B	9.00 B	1.77B	3.36	1.82	1.05	0.886	1.40	1.17	2.65	3.50	1.33B	19
20	0.960B	13.6	1.77B	2.91	1.43	0.993	1.06	1.15	1.18	2.81	3.39	1.26B	20
21	0.940B	18.2	1.70B	2.46	1.50	1.01	0.710	1.06	1.19	2.65	4.17	1.20B	21
22	0.930B	18.0	1.64	1.91	1.45	1.39	0.676	0.947	1.37	2.72	4.49	1.18	22
23	0.950B	15.9	1.82	1.91	1.24	1.95	0.704	0.878	1.55	3.60	3.93	1.26	23
24	0.980B	15.0	1.91	2.50	1.10	2.11	0.710	0.898	1.59	4.14	3.25	1.22B	24
25	1.20 B	11.7	2.00	2.77	1.09	1.76	0.688	0.893	1.45	4.02	2.82	1.19B	25
26	1.08 B	8.09	2.12	2.69	1.11	1.46	0.682	0.851	1.49	3.64	2.48	1.17B	26
27	1.04 B	5.98 B	2.29	2.45	1.31	1.16	0.653	0.800	1.57	3.64	2.55	1.29	27
28	0.970B	5.77	2.45	2.33	1.60	1.00	0.844	1.22	1.58	6.91	3.08	1.31	28
29	0.900B		2.57	2.31	1.68	0.912	1.29	1.71	1.54	7.50	3.24	1.30	29
30	0.820B		3.26	2.43	1.63	0.969	1.63	2.28	1.48	5.88	3.00	1.28	30
31	0.810B		4.61		1.52		1.44	2.69		4.65		1.29	31
TOTAL	29.220	152.424	85.09	89.83	57.57	36.095	51.505	46.873	64.83	92.28	84.05	58.16	TOTAL
MEAN	0.943	5.44	2.74	2.99	1.86	1.20	1.66	1.51	2.16	2.98	2.80	1.75	MEAN
MAX	1.20	18.2	5.66	5.51	3.69	2.11	8.05	2.70	6.02	7.50	4.49	3.02	MAX
MIN	0.810	0.750	1.64	1.91	1.03	0.912	0.575	0.800	1.16	1.48	1.86	1.17	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.31
MAXIMUM DAILY, 18.2 ON FEB 21
MINIMUM DAILY, 0.575 ON JUL 2
MAXIMUM INSTANTANEOUS,
19.9 AT 11:03 EST ON FEB 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 32 52 N
LONG 80 10 59 W
DRAINAGE AREA, 236 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 520	JUL	4 450
FEB	13 200	AUG	4 050
MAR	7 350	SEP	5 600
APR	7 760	OCT	7 970
MAY	4 970	NOV	7 260
JUN	3 120	DEC	4 680

TOTAL DISCHARGE, 72 900 dam³

ETOBICOKE CREEK AT BRAMPTON - STATION NO. 02HC017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.085B	0.050B	1.13	0.510	0.102	0.108	0.162	0.108	0.175	0.544	0.516	0.494	1
2	0.078B	0.200B	0.659	0.421	0.133	0.102	0.272	0.097	0.377	0.189	0.466	0.677	2
3	0.070B	0.060B	0.476	0.333	0.123	0.193	0.139	0.123	0.295	0.179	0.401	0.856	3
4	0.062B	0.050B	0.439	0.313	0.101	0.117	1.05	1.47	3.02	0.156	0.310	0.587	4
5	0.057B	0.040B	0.308	0.294	0.121	0.099	1.71	0.522	2.00	0.140	0.272	0.436	5
6	0.053B	0.035B	0.298	0.246	0.118	0.095	1.03	0.170	0.991	0.877	0.269	0.345	6
7	0.050B	0.040B	0.276	0.214	0.099	0.084	0.498	0.136	0.538	0.615	0.227	0.303	7
8	0.048B	0.037B	0.223	0.177	0.092	0.086	0.253	0.153	0.357	0.408	0.219	0.326	8
9	0.046B	0.035B	0.228	0.160	0.095	0.087	0.160	0.101	0.262	0.234	0.193	0.267	9
10	0.045B	0.030B	0.255	0.155	0.273	0.286	0.126	0.190	0.250E	0.182	0.182	0.235	10
11	0.044B	2.00 B	0.232	0.161	0.858	0.105	0.110	0.468	0.240E	0.149	0.168	0.213	11
12	0.043B	0.400B	0.228	0.146	0.619	0.085	0.101	0.153	0.225E	0.137	0.160	0.233B	12
13	0.042B	0.350B	0.203	0.131	0.358	0.096	0.093	0.165	0.200E	0.130	0.158	0.172	13
14	0.041B	0.315B	0.199	0.694	0.348	0.105	0.085	0.132	0.180E	0.137	0.153	0.169	14
15	0.041B	0.300B	0.216	0.525	0.263	0.095	0.082	0.693	0.170E	0.279	0.156	0.172	15
16	0.041B	1.10 B	0.170	0.282	0.213	0.246	0.081	0.205	0.220E	0.143	1.30	0.169	16
17	0.042B	4.20 B	0.168	0.255	0.192	0.125	0.081	0.142	0.270E	0.138	1.97	0.150	17
18	0.043B	15.6	0.198	0.232	0.152	0.095	0.122	0.125	0.200E	0.811	0.986	0.180B	18
19	0.044B	10.5	0.133	0.182	0.135	0.090	0.117	0.104	0.150E	0.682	0.758	0.145B	19
20	0.044B	8.04	0.140	0.154	0.125	0.083	0.136	0.093	0.120E	0.435	3.90	0.165B	20
21	0.044B	5.42	0.144	0.128	0.112	0.193	0.087	0.089	0.575E	0.492	3.57	0.133	21
22	0.044B	2.26	0.130	0.124	0.109	0.595	0.076	0.090	0.290E	0.959	1.19	0.202	22
23	0.044B	4.10	0.139	0.290	0.102	0.164	0.078	0.092	0.134	1.56	0.667	0.267	23
24	0.044B	3.35	0.139	0.219	0.099	0.149	0.074	0.089	0.122	1.74	0.515	0.166	24
25	0.044B	1.37	0.140	0.221	0.101	0.119	0.071	0.082	0.143	0.877	0.433	0.151	25
26	0.130B	0.895	0.148	0.185	0.205	0.099	0.074	0.080	0.235	0.742	0.447	0.134	26
27	0.090B	0.718	0.152	0.134	0.169	0.089	0.076	0.085	0.132	2.78	0.888	0.135	27
28	0.050B	1.06	0.146	0.170	0.316	0.081	0.836	0.651	0.111	8.08	0.997	0.142	28
29	0.045B		0.151	0.215	0.131	0.079	0.260	0.345	0.110	1.63	0.629	0.138	29
30	0.040B		0.464	0.141	0.182	0.088	0.144	0.668	0.112	0.901	0.456	0.143	30
31	0.035B		0.523		0.118		0.122	0.260		0.646		0.142	31
TOTAL	1.629	62.555	8.455	7.422	6.164	4.038	8.306	7.881	12.204	26.972	22.556	8.047	TOTAL
MEAN	0.053	2.23	0.273	0.247	0.199	0.135	0.268	0.254	0.407	0.870	0.752	0.260	MEAN
MAX	0.130	15.6	1.13	0.694	0.858	0.595	1.71	1.47	3.02	8.08	3.90	0.856	MAX
MIN	0.035	0.030	0.130	0.124	0.092	0.079	0.071	0.080	0.110	0.130	0.153	0.133	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.483
MAXIMUM DAILY, 15.6 ON FEB 18
MINIMUM DAILY, 0.030B ON FEB 10
MAXIMUM INSTANTANEOUS,
18.5 AT 21:00 EST ON FEB 18

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 41 29 N
LONG 79 45 35 W
DRAINAGE AREA, 63.2 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	141	JUL	718
FEB	5 400	AUG	681
MAR	731	SEP	1 050
APR	641	OCT	2 330
MAY	533	NOV	1 950
JUN	349	DEC	695

TOTAL DISCHARGE, 15 200 dam³

ETOBICOKE CREEK BELOW QUEEN ELIZABETH HIGHWAY - STATION NO. 02HC030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.248B	0.190B	2.73	1.31	0.494	0.375	3.92	0.409	1.12	5.25	1.47	1.81	1
2	0.240B	0.280B	1.85	1.08	0.421	0.368	0.742	0.354	1.71	1.82	1.30	2.60	2
3	0.235B	0.330B	1.04	0.876	0.408	2.90	1.31	0.768	2.17	0.924	1.13	2.09	3
4	0.230B	0.290B	1.02	0.784	0.416	0.724	0.475	13.3	25.6	0.673	0.994	1.58	4
5	0.225B	0.275B	1.00	0.756	0.876	0.466	6.95	8.55	18.4	0.726	0.962	1.22	5
6	0.220B	0.255B	0.931	0.665	0.665	0.392	2.03	0.991	3.80	9.40	1.23	0.952	6
7	0.218B	0.240B	0.801	0.592	0.424	0.287	1.11	0.605	2.05	2.22	0.874	0.915	7
8	0.215B	0.220B	0.756	0.552	0.341	0.788	0.694	0.678	1.42	1.37	0.733	1.46	8
9	0.210B	0.210B	0.715	0.495	0.349	0.532	0.552	0.770	1.12	0.973	0.719	0.849	9
10	0.205B	0.200B	0.792	0.485	0.924	2.72	0.461	0.751	0.871	0.736	0.650	1.17 B	10
11	0.202B	3.80 B	0.798	0.519	8.85	1.19	0.406	4.76	0.770	0.591	0.650	1.05 B	11
12	0.200B	1.10 B	0.746	0.449	2.13	0.460	0.349	1.88	0.705	0.527	0.590	0.797B	12
13	0.195B	0.920B	0.742	0.427	1.14	0.397	0.340	0.724	0.573	0.509	0.573	0.691B	13
14	0.190B	0.850B	0.524	8.32	1.03	0.623	0.390	0.763	0.557	0.569	0.594	0.632	14
15	0.185B	0.800B	0.566	1.38	1.37	0.367	0.405	10.6	0.556	1.33	0.558	0.684	15
16	0.180B	0.750B	0.571	0.949	0.873	0.703	0.379	2.04	0.520	0.800	11.2	0.576	16
17	0.180B	29.0 E	0.456	1.13	0.569	1.90	0.333	0.788	1.10	0.521	5.06	0.517B	17
18	0.175B	23.0 E	0.373	0.954	0.491	0.429	0.797	0.608	0.662	9.82	2.86	0.510B	18
19	0.175B	16.0 E	0.523	0.606	0.446	0.346	0.601	0.506	0.503	2.01	2.20	0.532B	19
20	0.170B	10.0 E	0.636	0.555	0.444	0.338	0.944	0.433	0.471	1.33	14.9	0.659	20
21	0.165B	7.20 E	0.617	0.497	0.435	1.72	0.515	0.435	2.32	2.99	10.5	0.705	21
22	0.160B	4.84	0.488	0.505	0.411	5.48	0.300	0.442	3.67	12.4	3.22	0.926	22
23	0.160B	8.75	0.517	1.76	0.364	1.02	0.249	0.404	0.764	9.03	1.94	3.13	23
24	0.160B	7.39	0.508	1.78	0.321	0.559	0.231	0.339	0.574	3.84	1.51	1.36	24
25	0.160B	3.66	0.561	0.797	0.334	0.469	0.210	0.293	0.638	2.29	1.21	0.850B	25
26	0.210B	2.47	0.514	0.616	0.994	0.377	0.215	0.356	1.69	3.12	1.65	0.638B	26
27	0.240B	1.83	0.597	0.511	2.09	0.303	0.225	0.365	0.957	22.1	4.32	0.587	27
28	0.280B	3.25	0.530	0.705	3.42	0.245	10.1	6.13	0.603	18.9	2.40	0.700	28
29	0.245B		0.494	0.992	0.897	0.224	3.17	2.58	0.510	4.42	1.71	0.684	29
30	0.235B		3.08	0.587	0.959	0.257	0.718	5.65	0.501	2.45	1.29	0.637	30
31	0.210B		1.57		0.652		0.491	2.33		1.84		0.691B	31
TOTAL	6.323	128.100	26.966	31.634	33.538	26.959	39.612	69.602	76.905	125.479	78.997	32.202	TOTAL
MEAN	0.204	4.58	0.870	1.05	1.08	0.899	1.28	2.25	2.56	4.05	2.63	1.04	MEAN
MAX	0.280	29.0	3.08	8.32	8.85	5.48	10.1	13.3	25.6	22.1	14.9	3.13	MAX
MIN	0.160	0.190	0.373	0.427	0.321	0.224	0.210	0.293	0.471	0.509	0.558	0.510	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.85
MAXIMUM DAILY, 29.0E ON FEB 17
MINIMUM DAILY, 0.160B ON JAN 22
MAXIMUM INSTANTANEOUS,
94.8 AT 20:23 EST ON AUG 4

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 36 02 N
LONG 79 33 24 W
DRAINAGE AREA, 204 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	546	JUL	3 420
FEB	11 100	AUG	6 010
MAR	2 330	SEP	6 640
APR	2 730	OCT	10 800
MAY	2 900	NOV	6 830
JUN	2 330	DEC	2 780

TOTAL DISCHARGE, 58 400 dam³

FAIRCHILD CREEK NEAR BRANTFORD - STATION NO. 02GB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.600B	0.570B	9.25	4.54	5.22	0.828	0.555	0.552	2.89	1.27	5.71	3.60	1
2	0.570B	0.680B	7.94	3.97	4.10	0.751	0.522	0.443	2.59	2.03	4.88	4.29	2
3	0.555B	0.660B	6.15	3.38	3.34	0.753	0.454	0.445	5.16	1.90	4.27	4.80	3
4	0.545B	0.610B	4.00B	2.96	2.81	0.989	0.441	0.486	12.8	1.64	3.73	4.53	4
5	0.530B	0.580B	3.50B	2.62	2.49	0.790	0.551	0.371	16.4	1.41	3.36	3.99	5
6	0.525B	0.550B	3.15B	2.34	2.26	0.693	0.622	0.334	13.2	1.67	3.07	3.56	6
7	0.520B	0.530B	3.00B	2.10	1.98	0.622	0.583	0.304	8.50	4.16	2.89	3.25	7
8	0.510B	0.515B	2.96	1.89	1.75	0.570	0.525	0.304	6.49	4.11	2.68	3.13	8
9	0.510B	0.500B	2.91	1.74	1.56	0.562	0.430	1.38	4.84	3.18	2.46	2.85	9
10	0.510B	0.490B	2.87	1.62	1.50	0.557	0.423	0.531	3.80	2.52	2.18	2.35B	10
11	0.505B	1.60 B	2.91	1.61	2.50	0.535	0.348	0.748	3.07	2.18	2.05	2.15B	11
12	0.500B	1.52 B	2.80B	1.61	3.04	0.507	0.306	1.61	2.51	1.90	1.91	1.94B	12
13	0.500B	1.42 B	2.60B	1.58	2.89	0.500	0.295	1.69	2.03	1.71	1.81	1.80B	13
14	0.500B	1.38 B	2.30B	3.42	2.45	0.677	0.295	0.939	2.76	1.59	1.70	1.70B	14
15	0.510B	1.34 B	2.40B	5.22	2.41	0.642	0.278	0.646	2.76	1.50	1.61	1.66B	15
16	0.530B	1.70 B	2.05B	4.48	2.58	0.579	0.267	0.899	1.60	1.44	1.68	1.55B	16
17	0.515B	6.90 B	1.90B	3.92	2.44	0.693	0.267	0.662	1.72	1.39	2.05	1.43B	17
18	0.510B	11.5 B	1.83B	6.75	2.08	0.643	0.261	0.537	1.47	3.19	2.17	1.30B	18
19	0.505B	22.0 B	1.79B	5.49	1.77	0.524	0.355	0.485	1.24	6.63	2.17	1.20B	19
20	0.500B	32.5 B	1.73B	3.99	1.56	0.482	1.02	0.406	1.09	5.51	3.74	1.10B	20
21	0.500B	42.0 B	1.71B	3.22	1.40	1.01	1.37	0.361	0.986	4.25	7.58	1.02B	21
22	0.500B	34.0 B	1.68B	2.75	1.21	2.34	0.906	0.342	3.95	4.70	7.15	1.07B	22
23	0.498B	25.5	1.74	3.26	1.06	2.84	0.668	0.336	3.88	13.3	5.75	1.18B	23
24	0.497B	24.4	1.81	6.11	0.945	1.87	0.425	0.290	2.48	12.5	4.64	1.38B	24
25	0.495B	19.0	1.88	6.90	0.887	1.25	0.340	0.276	1.80	9.44	3.88	1.47B	25
26	0.580B	12.3	1.93	5.15	0.860	0.886	0.328	0.250	1.63	7.60	3.42	1.45B	26
27	0.690B	9.27	2.31	4.07	0.855	0.681	0.309	0.245	1.51	8.64	4.01	1.40B	27
28	0.620B	8.67	2.79	4.29	1.16	0.572	0.584	0.291	1.31	13.1	4.59	1.34B	28
29	0.570B		2.84	6.74	1.10	0.504	2.06	0.342	1.08	10.9	4.40	1.30B	29
30	0.530B		3.31	6.71	0.989	0.482	1.53	1.03	0.922	8.82	3.87	1.19B	30
31	0.510B		4.60		0.933		0.892	5.11		7.09		1.09B	31
TOTAL	16.440	262.685	94.64	114.43	62.129	25.332	18.210	22.645	116.868	151.27	105.41	66.07	TOTAL
MEAN	0.530	9.38	3.05	3.81	2.00	0.844	0.587	0.730	3.88	4.88	3.51	2.13	MEAN
MAX	0.690	42.0	9.25	6.90	5.22	2.84	2.06	5.11	16.4	13.3	7.58	4.80	MAX
MIN	0.495	0.490	1.68	1.58	0.855	0.482	0.261	0.245	0.922	1.27	1.61	1.02	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.89
MAXIMUM DAILY, 42.0B ON FEB 21
MINIMUM DAILY, 0.245 ON AUG 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 08 49 N
LONG 80 09 18 W
DRAINAGE AREA, 360 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 420	JUL	1 570
FEB	22 700	AUG	1 960
MAR	8 180	SEP	10 100
APR	9 890	OCT	13 100
MAY	5 370	NOV	9 110
JUN	2 190	DEC	5 710

TOTAL DISCHARGE, 91 300 dam³

FALL RIVER NEAR FALLBROOK - STATION NO. 02KF014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.72	1.60	18.9	4.35	2.91	3.46	2.57	0.910	0.977	3.69	7.19	3.94	1
2	2.73	1.69	17.7	4.48	2.88	3.31	2.67	0.853	0.996	3.87	6.79	3.93	2
3	2.65B	1.67	16.1	4.70	3.03	3.19	2.81	0.746	1.00	3.87	6.60	3.87	3
4	2.60B	1.61	15.0	4.97	2.91	3.34	2.67	0.693	1.05	3.81	5.95	3.84	4
5	2.52	1.57	13.8	5.46	2.93	3.78	2.55	0.644	1.52	3.51	5.78	3.71	5
6	2.44	1.54	13.3	4.77	2.47	3.78	2.50	0.625	2.28	3.61	5.70	3.58	6
7	2.51	1.52	12.7	5.06	2.66	3.52	2.31	0.574	2.67	3.64	5.77	3.62B	7
8	2.45	1.51	12.0	4.82	2.62	3.56	2.36	0.508	3.35	3.37	6.05	3.56	8
9	2.37	1.51	11.5	4.39	2.55	3.55	2.14	0.603	4.20	3.32	5.46	3.44	9
10	2.29B	1.50	11.0	4.37	2.13	3.36	2.07	0.796	5.56	3.29	5.51	3.35	10
11	2.24B	2.11	10.5	4.09	2.58	3.19	1.87	0.864	7.09	3.10	5.46	3.25	11
12	2.20B	2.52	10.3	3.70	3.24	3.04	1.79	1.10	8.17	3.03	5.33	3.16	12
13	2.18	2.70	9.68	4.13	3.33	2.91	1.67	0.888	8.73	3.03	5.37	3.09	13
14	2.11	2.81	8.92	4.53	3.18	2.83	1.44	0.831	8.21	2.93	4.97	2.99	14
15	2.06	2.92	8.76	3.77	2.99	2.85	1.33	1.11	8.00	2.84	4.84	2.96	15
16	2.04	3.07	7.20	4.10	3.24	3.00	1.27	1.30	7.42	2.60	4.61	2.92	16
17	2.02	3.34	6.57	3.46	3.27	3.12	1.17	1.25	7.12	2.59	4.86	2.85	17
18	1.96	3.93	6.67B	3.53	3.25	3.27	1.19	1.22	6.98	3.04	4.97	2.78	18
19	1.92	4.98	6.44	3.61	3.18	3.02	1.15	1.19	6.77	2.86	4.85	2.72	19
20	1.87	10.4	6.22	3.28	3.15	2.72	1.14	1.12	6.23	2.94	4.51	2.64	20
21	1.87	17.6	6.09	3.33	3.04	2.80	1.08	1.09	5.79	2.42	4.99	2.57	21
22	1.81	19.9	5.91	3.25	2.76	3.16	0.981	1.03	5.33	2.45	4.94	2.54	22
23	1.79	20.4	5.22	3.01	2.74	3.79	0.937	1.04	5.24	2.88	4.70	2.68	23
24	1.74	22.1	3.07	3.40	2.68	3.88	0.911	0.935	5.07	3.10	4.44	2.71	24
25	1.71	22.6	1.13	3.44	2.68	3.98	0.926	0.815	4.95	3.08	4.28	2.64	25
26	1.74	22.1	1.84	3.41	2.62	3.57	0.866	0.879	4.70	3.17	4.18	2.58	26
27	1.71	21.3	2.34	3.35	2.38	3.38	0.772	0.803	5.12	3.74	4.75	2.55	27
28	1.70	20.0	3.08	3.15	3.10	3.34	0.703	0.734	4.68	4.97	4.52	2.62	28
29	1.68		3.50	3.13	3.57	3.14	0.861	0.784	4.27	5.90	4.23	2.60	29
30	1.63		3.67	3.09	3.70	2.80	0.872	0.793	3.90	6.65	4.11	2.59	30
31	1.60		3.91		3.37		0.867	0.978		7.08		2.51	31
TOTAL	64.86	220.50	263.02	118.13	91.14	98.64	48.446	27.786	147.373	110.38	155.71	94.79	TOTAL
MEAN	2.09	7.88	8.48	3.94	2.94	3.29	1.56	0.894	4.91	3.56	5.19	3.06	MEAN
MAX	2.73	22.6	18.9	5.46	3.70	3.98	2.81	1.30	8.73	7.08	7.19	3.94	MAX
MIN	1.60	1.50	1.13	3.01	2.13	2.72	0.703	0.508	0.977	2.42	4.11	2.51	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.95
MAXIMUM DAILY, 22.6 ON FEB 25
MINIMUM DAILY, 0.508 ON AUG 8
MAXIMUM INSTANTANEOUS,
22.8 AT 08:23 EST ON FEB 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 57 01 N
LONG 76 24 11 W
DRAINAGE AREA, 277 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 600	JUL	4 190
FEB	19 100	AUG	2 390
MAR	22 700	SEP	12 700
APR	10 200	OCT	9 540
MAY	7 870	NOV	13 500
JUN	8 520	DEC	8 190

TOTAL DISCHARGE, 125 000 dam³

FAREWELL CREEK AT OSHAWA - STATION NO. 02HD014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.179B	0.228B	1.23 E	0.907	0.310	0.220	0.226	0.080E	0.112	0.220	0.568E	0.475	1
2	0.175B	0.215B	0.970	0.710	0.280E	0.160	0.264E	0.063E	0.088	0.160	0.475	0.646	2
3	0.170B	0.205B	0.810B	0.550	0.250E	0.172	0.302E	0.047	0.423	0.157E	0.400	0.590	3
4	0.166B	0.195B	0.750B	0.490	0.220	0.160	0.339E	0.044	1.95	0.155E	0.346	0.520	4
5	0.164B	0.185B	0.720B	0.445E	0.220	0.160	0.377E	0.160	1.62 E	0.152	0.340	0.460E	5
6	0.160B	0.180B	0.750B	0.400	0.220	0.145E	0.415	0.120	1.29 E	0.520	0.468	0.345B	6
7	0.159B	0.170B	0.700B	0.370	0.208	0.131E	0.214	0.088	0.960E	0.513	0.445E	0.310B	7
8	0.158B	0.170B	0.695E	0.328	0.160	0.116	0.120	0.099E	0.630	0.475	0.423E	0.340	8
9	0.156B	0.170B	0.630	0.340	0.253E	0.136E	0.100	0.109E	0.535	0.340	0.400	0.280B	9
10	0.154B	0.178B	0.630E	0.340	0.345E	0.156	0.116	0.120	0.358	0.301E	0.358	0.260B	10
11	0.152B	1.95 B	0.630	0.314E	0.438	0.120	0.102E	0.124	0.280	0.262E	0.340	0.245B	11
12	0.150B	1.52 B	0.590E	0.288E	0.778	0.120	0.088E	0.160	0.240E	0.223E	0.334	0.230B	12
13	0.149B	1.32 B	0.550	0.262	0.490	0.120E	0.074	0.120	0.200E	0.184	0.310	0.225B	13
14	0.148B	1.18 B	0.577E	0.753	0.370	0.120E	0.041	0.120	0.160	0.160	0.365E	0.215B	14
15	0.147B	1.02 B	0.603E	0.838	0.475	0.120	0.026	0.173E	0.702	0.184	0.420E	0.205B	15
16	0.147B	1.08 B	0.630	0.543	0.396E	0.120	0.026	0.227E	0.152	0.178	0.475	0.200B	16
17	0.146B	1.18 B	0.670B	0.630	0.318E	0.160	0.020	0.280	0.120	0.384E	0.550	0.195B	17
18	0.145B	1.30 B	0.640B	0.556E	0.239E	0.160	0.048E	0.160	0.120	0.589E	0.710	0.183B	18
19	0.143B	6.64 B	0.600B	0.482E	0.160	0.160	0.076E	0.160	0.120E	0.795	0.670	0.175B	19
20	0.140B	12.5 B	0.450B	0.408	0.160	0.202E	0.104	0.112	0.120E	0.513	1.26	0.173B	20
21	0.138B	10.2 E	0.410B	0.340	0.152	0.244E	0.092	0.120	0.120	0.612E	1.08 E	0.165B	21
22	0.136B	3.20 E	0.370E	0.334	0.152	0.286	0.029	0.107E	0.190	0.710	0.893E	0.180B	22
23	0.136B	5.73	0.340	0.340	0.141E	0.280	0.020	0.093E	0.190	1.65	0.710	0.210B	23
24	0.136B	4.40	0.350E	0.543	0.131E	0.160	0.023	0.080	0.160	1.32 E	0.590	0.195B	24
25	0.136B	2.48	0.360E	0.479E	0.120	0.120	0.028E	0.080	0.160	0.997E	0.550	0.175B	25
26	0.155B	1.92 E	0.370	0.416E	0.160	0.112	0.033E	0.112	0.160E	0.670	0.400	0.160B	26
27	0.170B	1.36	0.408	0.352	0.160	0.108E	0.038	0.080	0.160E	1.82 E	1.02	0.150B	27
28	0.150B	0.890E	0.400E	0.310	0.598	0.104E	0.166	0.080	0.160	2.96	0.851E	0.143B	28
29	0.140B		0.395E	0.340	0.543	0.100	0.050	0.120	0.128	1.06	0.682E	0.136B	29
30	0.138B		1.02	0.340	0.435E	0.077	0.112	0.104E	0.120	0.753	0.513	0.130B	30
31	0.130B		1.39		0.328E		0.096E	0.088		0.660E		0.140B	31
TOTAL	4.673	61.766	19.638	13.748	9.210	4.549	3.765	3.630	11.728	19.677	16.946	8.056	TOTAL
MEAN	0.151	2.21	0.633	0.458	0.297	0.152	0.121	0.117	0.391	0.635	0.565	0.260	MEAN
MAX	0.179	12.5	1.39	0.907	0.778	0.286	0.415	0.280	1.95	2.96	1.26	0.646	MAX
MIN	0.130	0.170	0.340	0.262	0.120	0.077	0.020	0.044	0.088	0.152	0.310	0.130	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.486
MAXIMUM DAILY, 12.5B ON FEB 20
MINIMUM DAILY, 0.020 ON JUL 17

TYPE OF GAUGE - MANUAL
LOCATION - LAT 43 53 18 N
LONG 78 49 16 W
DRAINAGE AREA, 58.5 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	404	JUL	325
FEB	5 340	AUG	314
MAR	1 700	SEP	1 010
APR	1 190	OCT	1 700
MAY	796	NOV	1 460
JUN	393	DEC	696

TOTAL DISCHARGE, 15 300 dam³

FARR CREEK AT NORTH COBALT - STATION NO. 02JE018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.203B	0.128B	1.43 B	3.90B	1.46	0.640	0.371	0.079	0.082	0.095	0.606	0.549B	1
2	0.202B	0.126B	1.58 B	4.73B	1.33	0.529	0.323	0.064	0.097	0.126	0.594	0.573B	2
3	0.201B	0.124B	1.48 B	4.70B	1.21	1.04	0.304	0.064	0.093	0.138	0.583	0.582B	3
4	0.200B	0.123B	1.00 B	6.12	1.20	1.65	0.274	0.073	0.130	0.122	0.583	0.561B	4
5	0.198B	0.122B	0.949B	6.65	1.13	0.999	0.283	0.101	0.199	0.109	0.600	0.536B	5
6	0.195B	0.122B	0.927B	6.80	1.12	0.750	0.297	0.091	0.180	0.182	0.612	0.534B	6
7	0.190B	0.122B	0.942B	6.45	1.01	0.651	0.314	0.072	0.154	0.483	0.661	0.538B	7
8	0.185B	0.122B	0.864B	5.73	0.985	0.666	0.249	0.084	0.165	0.340	0.681	0.517B	8
9	0.182B	0.122B	0.819B	5.62	0.864	0.610	0.220	0.095	0.190	0.266	0.694	0.428B	9
10	0.181B	0.122B	0.761B	5.44	0.763	0.641	0.217	0.091	0.208	0.237	0.654	0.428B	10
11	0.179B	0.123B	0.714B	5.18	0.762	0.835	0.174	0.077	0.188	0.227	0.651	0.461B	11
12	0.178B	0.128B	0.669B	4.26	0.851	0.707	0.225	0.070	0.172	0.213	0.638	0.550B	12
13	0.177B	0.131B	0.580B	3.47	0.885	0.637	0.716	0.063	0.135	0.216	0.659	0.563B	13
14	0.176B	0.144B	0.630B	3.68	0.851	0.585	0.574	0.065	0.127	0.277	0.677	0.545B	14
15	0.172B	0.160B	0.509B	4.40	0.836	0.847	0.501	0.069	0.121	0.310	0.673	0.527B	15
16	0.166B	0.193B	0.539B	3.58	0.981	0.789	0.427	0.064	0.112	0.333	0.626	0.481B	16
17	0.162B	0.368B	0.506B	3.54	0.945	0.654	0.357	0.053	0.111	0.364	0.582	0.436B	17
18	0.161B	0.555B	0.556B	3.19	0.860	0.657	0.308	0.045	0.113	0.445	0.622	0.477B	18
19	0.159B	1.81 B	0.573B	2.86	0.867	0.548	0.261	0.040	0.103	0.448	0.563	0.442B	19
20	0.157B	1.82 B	0.599B	2.51	0.826	0.461	0.211	0.039	0.108	0.578	0.420	0.396B	20
21	0.153B	1.54 B	0.554B	2.31	0.773	0.429	0.213	0.053	0.103	0.708	0.429	0.437B	21
22	0.148B	1.17 B	0.454B	1.99	0.747	0.453	0.185	0.041	0.096	0.610	0.428	0.452B	22
23	0.143B	2.91 B	0.420B	1.77	0.690	0.456	0.156	0.033	0.104	0.600	0.436B	0.454B	23
24	0.142B	2.92 B	0.528B	1.83	0.654	0.443	0.144	0.044	0.107	0.636	0.445B	0.408B	24
25	0.140B	1.86 B	0.575B	1.88	0.709	0.646	0.126	0.038	0.110	0.670	0.453B	0.367B	25
26	0.139B	1.50 B	0.630B	1.78	1.49	0.498	0.131	0.032	0.117	0.712	0.455B	0.328B	26
27	0.138B	1.32 B	0.552B	1.73	1.42	0.410	0.112	0.029	0.135	0.691	0.502B	0.322B	27
28	0.135B	1.36 B	0.578B	1.63	1.08	0.346	0.094	0.024	0.117	0.645	0.574B	0.360B	28
29	0.133B		1.90 B	1.63	0.904	0.406	0.095	0.025	0.096	0.622	0.559B	0.362B	29
30	0.131B		2.66 B	1.57	0.737	0.404	0.095	0.037	0.100	0.606	0.550B	0.332B	30
31	0.129B		2.47 B		0.664		0.104	0.088		0.613		0.326B	31
TOTAL	5.155	21.245	27.948	110.93	29.604	19.387	8.061	1.843	3.873	12.622	17.210	14.272	TOTAL
MEAN	0.166	0.759	0.902	3.70	0.955	0.646	0.260	0.059	0.129	0.407	0.574	0.460	MEAN
MAX	0.203	2.92	2.66	6.80	1.49	1.65	0.716	0.101	0.208	0.712	0.694	0.582	MAX
MIN	0.129	0.122	0.420	1.57	0.654	0.346	0.094	0.024	0.082	0.095	0.420	0.322	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.746
MAXIMUM DAILY, 6.80 ON APR 6
MINIMUM DAILY, 0.024 ON AUG 28
MAXIMUM INSTANTANEOUS,
7.02 AT 09:21 EST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 25 28 N
LONG 79 37 59 W
DRAINAGE AREA, 62.9 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	445	JUL	696
FEB	1 840	AUG	159
MAR	2 410	SEP	335
APR	9 580	OCT	1 090
MAY	2 560	NOV	1 490
JUN	1 680	DEC	1 230

TOTAL DISCHARGE, 23 500 dam³

FAWN RIVER BELOW BIG TROUT LAKE - STATION NO. 04CE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	32.0B	29.9B	27.7B	26.5	24.2	31.6	43.3	41.1	42.8	51.5	60.4	50.4B	1
2	32.0B	29.9B	27.6B	26.2	23.7	31.4	43.3	39.5	41.9	52.7	59.6	50.1B	2
3	31.9B	29.7B	27.5B	26.1	24.0	31.2	42.2	39.1	43.7	52.9	57.4	49.8B	3
4	31.8B	29.4B	27.5B	25.9	24.0	31.7	42.3	38.6	42.0	54.2	55.1	49.5B	4
5	31.7B	29.2B	27.4B	25.9	24.1	30.1	43.2	38.6	39.9	55.8	58.6	49.2B	5
6	31.6B	29.1B	27.4B	25.6	24.3	32.2	42.1	40.3	40.6	57.2	56.7	49.0B	6
7	31.5B	29.0B	27.3B	25.8	24.1	32.8	41.5	41.8	44.9	56.9	56.6	48.8B	7
8	31.5B	28.8B	27.2B	25.9	23.9	33.2	39.6	42.0	46.5	55.8	60.5	48.5B	8
9	31.4B	28.7B	27.2B	25.7	24.2	34.0	46.0	42.5	44.4	54.8	58.3	48.3B	9
10	31.4B	28.4B	27.1B	25.2	24.3	34.4	44.5	42.3	45.0	55.8	54.8	48.0B	10
11	31.4B	28.3B	27.1B	25.4	24.4	35.1	42.7	42.5	46.5	57.8	54.6	47.7B	11
12	31.4B	28.3B	27.0B	25.2	24.6	35.0	42.9	42.6	47.7	57.9	54.1	47.4B	12
13	31.5B	28.3B	27.0B	25.4	24.9	34.7	42.3	41.5	47.7	59.3	54.2	47.1B	13
14	31.5B	28.4B	27.0B	25.2	24.9	33.4	41.2	44.4	48.6	61.5	54.8	46.8B	14
15	31.7B	28.5B	26.9B	25.0	24.7	32.2	40.8	42.6	46.7	59.5	53.9	46.5B	15
16	31.7B	28.6B	26.9B	25.0	25.1	37.3	40.5	43.2	46.9	59.1	53.3	46.2B	16
17	31.8B	28.7B	26.9B	24.6	25.5	36.5	40.6	43.3	48.2	59.2	54.3	46.0B	17
18	31.8B	28.6B	26.9B	24.8	26.0	38.7	41.6	42.4	49.2	62.5	54.9	45.7B	18
19	31.5B	28.5B	26.8B	24.7	26.0	41.9	39.7	42.9	48.3	61.6	55.0B	45.4B	19
20	31.5B	28.4B	26.8B	24.5	26.4	38.5	39.7	43.6	46.7	61.5	54.5B	45.1B	20
21	31.3B	28.3B	26.7B	24.1	26.7	39.7	39.8	44.0	45.9	61.6	54.0B	44.9B	21
22	31.2B	28.2B	26.7B	24.1	26.6	40.0	39.6	44.5	46.1	58.8	53.5B	44.7B	22
23	31.1B	28.1B	26.6B	24.3	27.1	40.1	38.8	42.3	45.7	59.6	53.2B	44.5B	23
24	31.0B	28.1B	26.7B	24.5	27.8	39.3	38.8	42.3	48.3	57.3	53.0B	44.3B	24
25	31.0B	28.0B	26.8	24.4	28.2	40.5	40.8	42.8	46.8	59.7	52.7B	44.1B	25
26	30.9B	28.0B	26.8	24.4	28.9	41.3	40.8	42.7	44.0	56.9	52.3B	44.0B	26
27	30.8B	27.9B	26.8	24.3	29.3	42.0	38.6	42.9	50.7	57.5	51.9B	43.8B	27
28	30.5B	27.8B	26.8	24.3	28.9	42.6	38.2	43.4	55.7	56.3	51.5B	43.5B	28
29	30.3B		26.8	24.3	29.7	41.9	38.4	43.2	52.0	56.2	51.0B	43.2B	29
30	30.1B		26.4	24.2	31.3	42.8	36.5	40.7	51.4	56.4	50.7B	43.0B	30
31	30.0B		26.4		31.7		37.1	40.9		59.4		42.8B	31
TOTAL	970.8	801.1	836.7	751.5	809.5	1 096.1	1 267.4	1 304.5	1 394.8	1 787.2	1 645.4	1 438.3	TOTAL
MEAN	31.3	28.6	27.0	25.1	26.1	36.5	40.9	42.1	46.5	57.7	54.8	46.4	MEAN
MAX	32.0	29.4	27.7	26.5	31.7	42.8	46.0	44.5	55.7	62.5	60.5	50.4	MAX
MIN	30.0	27.8	26.4	24.1	23.7	30.1	36.5	38.6	39.9	51.5	50.7	42.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38.6
MAXIMUM DAILY, 62.5 ON OCT 18
MINIMUM DAILY, 23.7 ON MAY 2
MAXIMUM INSTANTANEOUS,
64.3 AT 14:51 EST ON OCT 18

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 46 00 N
LONG 89 33 00 W
DRAINAGE AREA, 4 350 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	83 900	JUL	110 000
FEB	69 200	AUG	113 000
MAR	72 300	SEP	121 000
APR	64 900	OCT	154 000
MAY	69 900	NOV	142 000
JUN	94 700	DEC	124 000

TOTAL DISCHARGE, 1 220 000 dam³

FISH CREEK NEAR PROSPECT HILL - STATION NO. 02GD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.470B	0.325	8.43	3.26	2.24	0.428	0.266	0.126	9.24	3.14	2.52	1.71	1
2	0.440B	0.352	5.32	2.34	1.73	0.400	0.243	0.093	4.12	7.51	2.19	2.67	2
3	0.418	0.411	3.69	1.85	1.50	0.386	0.242	0.090	2.46	4.05	1.91	2.75	3
4	0.411	0.415	2.90	1.63	1.29	0.379	0.270	0.087	10.5	2.66	1.63	2.14	4
5	0.307	0.397	2.48	1.44	1.20	0.352	0.579	0.078	13.4	1.88	1.50	1.76	5
6	0.302	0.360B	2.17	1.25	1.11	0.328	0.307	0.071	5.23	1.86	1.81	1.58	6
7	0.314	0.335B	1.92	1.09	0.986	0.289	0.218	0.066	2.66	3.69	2.12	1.55	7
8	0.303	0.320B	1.71	1.02	0.888	0.261	0.184	0.070	1.84	4.46	1.76	1.72	8
9	0.279	0.312B	1.91	0.976	0.864	0.284	0.158	0.070	1.30	2.79	1.50	1.74	9
10	0.281	0.310B	2.24	0.849	0.937	0.263	0.140	0.073	0.960	2.06	1.32	1.25 B	10
11	0.418	0.504B	2.26	0.917	2.49	0.240	0.126	0.070	0.732	1.63	1.28	1.10 B	11
12	0.344	0.800B	2.10	0.929	5.32	0.223	0.115	0.059	0.582	1.37	1.13	0.990B	12
13	0.332	0.960B	2.41	0.837	3.20	0.215	0.107	0.050	0.635	1.15	1.04	0.963	13
14	0.311	1.10 B	1.75B	2.30	2.20	0.244	0.090	0.044	1.39	1.01	0.984	0.886	14
15	0.306	1.25 B	1.55B	3.11	1.91	0.253	0.080	0.059	0.716	0.945	0.935	0.869	15
16	0.293	1.40 B	1.35B	1.97	1.66	0.244	0.072	0.065	0.498	0.887	0.924	0.817	16
17	0.290	2.50 B	1.22B	2.13	1.44	0.221	0.072	0.058	0.471	0.801	0.907	0.680B	17
18	0.290	13.0 B	1.15B	2.69	1.26	0.196	0.086	0.048	0.642	1.21	0.853	0.630B	18
19	0.283	30.0 B	1.08B	2.04	1.15	0.184	0.114	0.048	0.605	2.94	0.828	0.600B	19
20	0.286	28.0 B	1.03B	1.68	1.02	0.193	0.113	0.045	0.517	2.85	1.95	0.590B	20
21	0.278	31.1	1.00B	1.42	0.900	0.211	0.110	0.037	0.631	2.24	4.80	0.573	21
22	0.270	26.3	1.05	1.29	0.820	1.04	0.091	0.037	2.65	6.23	3.49	0.575	22
23	0.274	48.3	1.25	1.73	0.744	2.33	0.078	0.032	2.25	11.9	2.51	0.744	23
24	0.272	31.0	1.31	2.51	0.661	1.21	0.071	0.023	1.41	7.06	2.01	0.747	24
25	0.261	14.1	1.34	2.15	0.651	0.822	0.069	0.021	1.02	5.20	1.63	0.664	25
26	0.277	8.30	1.36	1.66	0.638	0.583	0.063	0.021	0.858	5.10	1.49	0.602	26
27	0.272	6.17	3.91	1.45	0.615	0.439	0.066	0.019	0.885	5.63	2.49	0.560B	27
28	0.315	8.90	3.97	3.00	0.624	0.356	0.122	0.025	1.20	13.9	2.80	0.530B	28
29	0.318		2.80	4.78	0.580	0.313	0.243	0.035	1.01	7.71	2.11	0.510B	29
30	0.312		3.16	3.18	0.523	0.278	0.209	0.075	0.827	4.22	1.78	0.504	30
31	0.304		4.73		0.485		0.148	7.16		3.15		0.505	31
TOTAL	9.384	257.221	74.55	57.478	41.636	13.165	4.852	8.855	71.239	121.233	54.201	33.509	TOTAL
MEAN	0.303	9.19	2.40	1.92	1.34	0.439	0.157	0.286	2.37	3.91	1.81	1.08	MEAN
MAX	0.370	48.3	8.43	4.78	5.32	2.33	0.579	7.16	13.4	13.9	4.80	2.75	MAX
MIN	0.261	0.310	1.00	0.837	0.485	0.184	0.063	0.019	0.471	0.801	0.828	0.504	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.05
MAXIMUM DAILY, 48.3 ON FEB 23
MINIMUM DAILY, 0.019 ON AUG 27
MAXIMUM INSTANTANEOUS,
59.9 AT 16:00 EST ON FEB 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 13 14 N
LONG 81 14 14 W
DRAINAGE AREA, 150 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	811	JUL	419
FEB	22 200	AUG	765
MAR	6 440	SEP	6 160
APR	4 970	OCT	10 500
MAY	3 600	NOV	4 680
JUN	1 140	DEC	2 900

TOTAL DISCHARGE, 64 600 dam³

FREDERICK HOUSE RIVER AT FREDERICK HOUSE LAKE DAM - STATION NO. 04MD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.97	45.6	51.0	60.0	53.8	33.4	12.0	9.97	8.27	7.08	25.9	22.2	1
2	5.97	52.7	62.0	74.2	56.1	33.4	13.1	9.97	7.65	6.46	25.9	22.2	2
3	5.97	63.4	79.9	56.6	56.1	33.4	13.1	9.97	7.65	7.08	25.9	22.2	3
4	5.97	61.2	76.5	0	48.4	31.1	14.2	8.98	7.65	7.08	25.9	22.2	4
5	23.7	59.7	73.1	0	34.5	33.4	14.2	8.98	7.65	13.4	25.9	20.7	5
6	57.8	58.6	68.0	0	38.2	31.1	14.2	8.98	7.65	19.1	25.9	20.7	6
7	56.4	56.4	64.6	0	42.5	31.1	14.2	8.98	7.65	19.1	24.1	20.7	7
8	55.2	55.2	61.2	0	46.7	31.1	14.2	8.98	7.65	20.7	27.6	20.7	8
9	54.1	54.1	57.8	0	48.4	30.0	14.2	8.98	7.65	20.7	25.9	20.7	9
10	52.1	52.1	53.8	0	48.4	31.1	14.2	8.98	7.65	20.7	27.6	20.7	10
11	52.1	52.1	50.4	0.991	48.4	31.1	13.1	8.98	7.65	20.7	24.1	19.1	11
12	51.0	49.8	59.5	2.83	48.4	29.4	13.1	8.98	8.27	20.7	25.9	19.1	12
13	49.8	48.7	65.7	5.21	50.4	31.1	14.2	8.27	7.65	22.2	25.9	19.1	13
14	49.8	47.9	51.0	10.2	52.7	31.1	13.1	8.27	7.65	22.2	25.9	19.1	14
15	58.3	47.9	36.8	16.1	68.2	31.1	13.1	8.98	7.65	22.2	24.1	19.1	15
16	69.4	45.6	34.8	20.7	76.5	31.1	13.1	8.27	7.65	20.7	24.1	19.1	16
17	67.1	54.1	30.6	25.9	79.3	27.6	13.1	8.27	7.65	22.2	25.9	19.1	17
18	65.7	65.7	24.1	29.4	79.3	31.1	13.1	8.27	7.65	22.2	24.1	19.1	18
19	64.6	63.4	18.1	37.1	79.3	29.4	13.1	8.27	7.65	20.7	24.1	17.7	19
20	62.3	62.3	17.3	37.1	76.5	27.6	13.1	8.27	7.65	24.1	24.1	17.7	20
21	61.2	59.7	16.5	41.3	74.2	27.6	11.0	8.27	7.65	24.1	24.1	17.7	21
22	59.7	58.6	15.6	43.0	74.2	25.9	11.0	8.27	7.65	24.1	24.1	17.7	22
23	58.6	57.5	14.8	45.3	71.4	20.3	12.0	8.27	7.08	25.9	24.1	17.7	23
24	56.4	57.5	14.8	45.3	69.4	12.0	11.0	7.65	7.65	25.9	22.2	17.7	24
25	55.2	55.2	14.8	47.6	52.1	11.0	12.0	8.27	7.65	27.6	22.2	17.7	25
26	54.1	54.1	14.8	49.6	27.6	11.0	11.2	7.65	7.65	25.9	22.2	17.7	26
27	53.2	53.2	16.5	49.6	31.1	12.0	11.2	7.65	7.65	25.9	22.2	17.7	27
28	52.1	52.1	19.0	51.5	31.1	13.1	11.2	7.65	7.08	25.9	22.2	17.7	28
29	51.0		27.8	51.5	33.4	13.1	9.97	7.65	7.08	25.9	22.2	17.7	29
30	49.8		37.4	53.8	31.1	12.0	9.97	7.65	7.08	25.9	22.2	17.7	30
31	48.7		48.1		33.4		9.97	7.65		27.6		19.1	31
TOTAL	1 513.28	1 544.4	1 276.3	854.831	1 661.1	777.7	390.21	264.21	228.46	644.00	736.5	597.3	TOTAL
MEAN	48.8	55.2	41.2	28.5	53.6	25.9	12.6	8.52	7.62	20.8	24.6	19.3	MEAN
MAX	69.4	65.7	79.9	74.2	79.3	33.4	14.2	9.97	8.27	27.6	27.6	22.2	MAX
MIN	5.97	45.6	14.8	0	27.6	11.0	9.97	7.65	7.08	6.46	22.2	17.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.7
MAXIMUM DAILY, 79.9 ON MAR 3
MINIMUM DAILY, 0 ON APR 4

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 47 33 N
LONG 81 00 53 W
DRAINAGE AREA, 2 870 km²

REGULATED SINCE 1938

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	131 000	JUL	33 700
FEB	133 000	AUG	22 800
MAR	110 000	SEP	19 700
APR	73 900	OCT	55 600
MAY	144 000	NOV	63 600
JUN	67 200	DEC	51 600

TOTAL DISCHARGE, 906 000 dam³

FREDERICK HOUSE RIVER AT NIGHTHAWK LAKE - STATION NO. 04MD003

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	274.863	273.982	272.982	272.324	274.722	274.972	274.933	274.841	274.753	274.753	274.872	274.802	1
2	274.853E	273.942	272.933	272.461	274.722	274.981	274.923	274.832	274.744	274.762	274.872	274.802	2
3	274.853E	273.899E	272.881	272.601	274.744	274.981	274.942	274.823	274.762	274.762	274.853	274.811	3
4	274.853E	273.857E	272.823	272.711	274.753	274.972	274.942	274.811	274.753	274.722	274.872	274.802	4
5	274.853	273.811	272.762	272.881	274.762	274.963	274.951	274.811	274.753	274.722	274.881	274.792	5
6	274.853	273.784	272.683	273.003	274.823	274.951	274.951	274.811	274.753	274.692	274.863	274.792	6
7	274.811	273.732	272.631	273.143	274.872	274.951	274.951	274.802	274.753	274.692	274.872	274.783	7
8	274.783	273.713	272.601	273.241	274.951	274.972	274.951	274.802	274.753	274.701	274.881	274.783	8
9	274.753	273.643	272.513	273.363	274.963	274.942	274.881	274.792	274.753	274.762	274.872	274.783	9
10	274.716E	273.613	272.433	273.512	274.951	274.951	274.942	274.783	274.762	274.762	274.893	274.771	10
11	274.686E	273.582	272.333	273.601	274.972	274.951	274.923	274.792	274.762	274.771	274.863	274.762	11
12	274.664E	273.543	272.232	273.732	274.963	274.942	274.923	274.792	274.762	274.783	274.872	274.753	12
13	274.643	273.512	272.092	273.854	275.003	274.951	274.942	274.771	274.762	274.783	274.863	274.753	13
14	274.613	273.482	272.074	273.942	275.012	274.951	274.923	274.783	274.762	274.802	274.872	274.753	14
15	274.603	273.442	272.074	274.033	275.051	274.951	274.923	274.783	274.762	274.783	274.863	274.753	15
16	274.561	273.433	272.022	274.161	275.021	274.951	274.923	274.771	274.753	274.783	274.863	274.753	16
17	274.521	273.381	271.961	274.262	275.033	274.923	274.923	274.762	274.753	274.802	274.853	274.744	17
18	274.482	273.342	272.013	274.354	275.021	274.951	274.923	274.783	274.762	274.802	274.853	274.744	18
19	274.433	273.311	272.013	274.424	275.012	274.911	274.923	274.783	274.753	274.802	274.853	274.731	19
20	274.402	273.262	272.031	274.482	275.003	274.911	274.911	274.783	274.753	274.823	274.853	274.731	20
21	274.354	273.223	272.031	274.5 2	274.981	274.902	274.872	274.771	274.744	274.832	274.853	274.731	21
22	274.323	273.171	272.031	274.542	274.963	274.881	274.881	274.771	274.753	274.853	274.832	274.731	22
23	274.283	273.162	272.031	274.561	274.951	274.911	274.881	274.762	274.731	274.863	274.832	274.731	23
24	274.253	273.143	272.031	274.582	274.923	274.881	274.872	274.762	274.744	274.853	274.823	274.722	24
25	274.222	273.101	272.031	274.591	274.911	274.881	274.881	274.762	274.753	274.872	274.823	274.722	25
26	274.183	273.061	272.031	274.613	274.893	274.872	274.863	274.762	274.753	274.863	274.811	274.701	26
27	274.131	273.031	271.952	274.622	274.933	274.902	274.853	274.762	274.762	274.863	274.823	274.692	27
28	274.104	273.012	271.933	274.652	274.963	274.911	274.853	274.762	274.753	274.863	274.823	274.701	28
29	274.061		272.113	274.683	274.972	274.902	274.853	274.753	274.713	274.863	274.811	274.701	29
30	274.033		272.153	274.701	274.951	274.911	274.853	274.753	274.744	274.863	274.811	274.701	30
31	274.003		272.241		274.963		274.841	274.753		274.872		274.692	31
MEAN	274.508	273.470	272.280	273.871	274.928	274.933	274.907	274.783	274.752	274.798	274.853	274.749	MEAN
MAX	274.863	273.982	272.982	274.701	275.051	274.981	274.951	274.841	274.762	274.872	274.893	274.811	MAX
MIN	274.003	273.012	271.933	272.324	274.722	274.872	274.841	274.753	274.713	274.692	274.811	274.692	MIN

WATER LEVELS IN METRES

MEAN, 274.408
MAXIMUM DAILY, 275.051 ON MAY 15
MINIMUM DAILY, 271.933 ON MAR 28

WATER LEVELS ARE REFERRED TO TEMISKAMING AND NORTHERN ONTARIO RAILWAY DATUM
APPLY -0.582 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 32 50 N
LONG 80 58 26 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED

REGULATED SINCE 1938

DRAINAGE AREA,
2 540 km²

FRENCH LAKE NEAR ATIKOKAN - STATION NO. 05PA010

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	1.018	0.777	---	---	---	---	---	1
2	---	---	---	---	---	1.000	0.771	---	---	---	---	---	2
3	---	---	---	---	---	0.997	0.768	---	---	---	---	---	3
4	---	---	---	---	---	0.994	0.762	---	---	---	---	---	4
5	---	---	---	---	---	0.997	0.753	---	---	---	---	---	5
6	---	---	---	---	---	0.994	0.747	---	---	---	---	---	6
7	---	---	---	---	---	0.975	0.741	---	---	---	---	---	7
8	---	---	---	---	---	0.957	0.732	---	---	---	---	---	8
9	---	---	---	---	---	0.933	0.732	---	---	---	---	---	9
10	---	---	---	---	---	0.924	0.728	---	---	---	---	---	10
11	---	---	---	---	---	0.902	0.722	---	---	---	---	---	11
12	---	---	---	---	---	0.887	0.719	---	---	---	---	---	12
13	---	---	---	---	---	0.875	0.716	---	---	---	---	---	13
14	---	---	---	---	1.241	0.869	0.710	---	---	---	---	---	14
15	---	---	---	---	1.210	0.866	0.710	---	---	---	---	---	15
16	---	---	---	---	1.189	0.860	---	---	---	---	---	---	16
17	---	---	---	---	1.180	0.853	---	---	---	---	---	---	17
18	---	---	---	---	1.170	0.847	---	---	---	---	---	---	18
19	---	---	---	---	1.161	0.844	---	---	---	---	---	---	19
20	---	---	---	---	1.146	0.841	---	---	---	---	---	---	20
21	---	---	---	---	1.134	0.838	---	---	---	---	---	---	21
22	---	---	---	---	1.122	0.832	---	---	---	---	---	---	22
23	---	---	---	---	1.113	0.826	---	---	---	---	---	---	23
24	---	---	---	---	1.100	0.820	---	---	---	---	---	---	24
25	---	---	---	---	1.085	0.814	---	---	---	---	---	---	25
26	---	---	---	---	1.079	0.811	---	---	---	---	---	---	26
27	---	---	---	---	1.070	0.805	---	---	---	---	---	---	27
28	---	---	---	---	1.061	0.799	---	---	---	---	---	---	28
29	---	---	---	---	1.052	0.789	---	---	---	---	---	---	29
30	---	---	---	---	1.049	0.783	---	---	---	---	---	---	30
31	---	---	---	---	1.039	---	---	---	---	---	---	---	31
MEAN	---	---	---	---	---	0.885	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	1.018	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	0.783	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 40 20 N
LONG 91 08 06 W

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

FRENCH RIVER AT CHAUDIERE DAM - STATION NO. 02DD017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	122	97.5	104	121	185	20.6	52.5	7.79	7.87	64.4	162	137	1
2	119	96.8	106	144	185	20.6	48.0	7.87	7.87	64.4	161	135	2
3	118	96.8	107	125	184	20.8	43.5	7.83	7.87	64.4	160	135	3
4	117	96.8	108	131	183	20.9	43.5	7.87	8.00	64.1	159	135	4
5	117	96.1	109	134	183	20.7	43.6	7.87	8.38	63.9	158	135	5
6	116	95.9	109	139	182	20.7	43.7	7.91	8.04	64.1	157	135	6
7	115	95.1	109	140	181	20.4	43.6	7.91	7.96	64.7	157	135	7
8	114	94.9	109	142	180	20.4	43.3	7.91	27.5	64.9	156	134	8
9	114	94.4	109	148	179	20.6	43.3	7.91	63.7	64.9	153	133	9
10	113	94.1	109	150	178	20.6	43.3	7.91	98.7	64.6	152	132	10
11	112	94.1	110	153	177	20.6	43.2	7.91	128	64.7	151	132	11
12	110	93.9	109	156	178	20.5	43.1	7.91	116	64.6	150	131	12
13	110	93.7	106	133	178	20.5	21.7	7.87	115	64.9	149	131	13
14	109	92.2	103	133	178	20.5	8.21	7.87	116	86.3	149	131	14
15	108	92.9	103	171	178	20.7	8.13	7.91	116	112	148	130	15
16	107	92.4	104	173	180	29.6	8.00	7.91	116	112	147	129	16
17	107	91.9	104	175	177	40.8	7.79	7.87	116	112	147	129	17
18	106	91.9	98.5	178	177	40.7	7.79	7.87	115	113	145	128	18
19	105	91.9	93.2	170	176	53.9	7.79	7.87	115	141	145	127	19
20	104	92.4	93.6	166	174	71.8	7.74	7.87	115	169	146	127	20
21	103	92.9	93.4	166	174	71.8	7.83	7.79	109	169	144	126	21
22	102	93.6	93.4	166	173	72.1	7.91	7.79	104	169	143	125	22
23	102	95.6	93.4	166	172	71.8	7.79	7.79	104	169	142	124	23
24	102	97.5	93.4	166	170	71.6	7.74	7.91	103	169	140	123	24
25	102	100	93.9	174	169	71.8	7.66	7.83	82.2	169	140	122	25
26	100	102	92.2	181	98.0	72.5	7.79	7.91	64.5	180	140	122	26
27	99.3	103	83.7	183	33.1	62.1	7.70	7.83	64.5	167	136	121	27
28	99.0	104	76.3	184	20.7	52.5	7.70	7.87	64.5	166	139	120	28
29	98.8		76.5	185	20.6	52.3	7.74	7.96	64.5	165	137	119	29
30	98.0		78.4	185	20.6	52.5	7.74	8.00	64.2	163	137	119	30
31	97.8		97.8		20.6		7.74	7.87		162		118	31
TOTAL	3 346.9	2 675.3	3 075.7	4 738	4 664.6	1 196.9	697.09	244.19	2 238.29	3 531.9	4 450	3 980	TOTAL
MEAN	108	95.5	99.2	158	150	39.9	22.5	7.88	74.6	114	148	128	MEAN
MAX	122	104	110	185	185	72.5	52.5	8.00	128	180	162	137	MAX
MIN	97.8	91.9	76.3	121	20.6	20.4	7.66	7.79	7.87	63.9	136	118	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 07 33 N
LONG 80 01 10 W

REGULATED SINCE 1916

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 95.4
MAXIMUM DAILY, 185 ON APR 29
MINIMUM DAILY, 7.66 ON JUL 25

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	289 000	JUL	60 200
FEB	231 000	AUG	21 100
MAR	266 000	SEP	193 000
APR	409 000	OCT	305 000
MAY	403 000	NOV	384 000
JUN	103 000	DEC	344 000

TOTAL DISCHARGE, 3 010 000 dam³

REMARKS - DISCHARGES SUMMED WITH THOSE AT 02DD016, 02DD018, 02DD019, TO GIVE FLOW FOR "FRENCH RIVER AT LAKE NIPISSING" NO. 02DD007

FRENCH RIVER AT DRY PINE BAY - STATION NO. 02DD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	263	195	257	215	383	162	229	69.9	64.4	122	320	256	1
2	260	196	239	250	381	147	224	67.6	66.8	121	317	255	2
3	257	195	229	286	377	137	222	65.6	68.4	121	313	255	3
4	254	192	229	318	373	139	216	65.8	72.5	121	311	255	4
5	251	191	230	340	374	142	212	68.5	81.4	120	310	255	5
6	249	190	231	355	375	153	209	68.7	90.3	123	309	253	6
7	249	189	229	371	374	168	206	68.8	95.8	128	308	251	7
8	246	189	227	391	371	180	204	69.1	98.8	134	305	248	8
9	242	188	225	394	368	187	201	68.7	105	143	302	245	9
10	239	187	225	377	366	189	199	67.6	126	155	299	243	10
11	235	192	224	370	368	188	195	66.3	156	166	296	240	11
12	232	193	216	370	381	188	187	65.0	183	173	293	239	12
13	230	191	203	360	392	184	182	64.0	197	178	290	239	13
14	227	190	190	341	395	179	172	62.8	203	181	287	239	14
15	225	188	179	328	394	180	156	62.1	203	188	284	239	15
16	222	186	172	335	391	193	139	61.4	202	196	281	240	16
17	220	186	167	349	387	207	125	60.5	199	208	280	243	17
18	218	186	164	353	386	218	115	60.0	195	226	278	244	18
19	215	189	163	350	386	222	108	59.4	192	243	277	245	19
20	213	194	161	342	385	227	103	59.0	189	265	276	244	20
21	211	202	163	331	382	232	99.7	58.7	186	287	278	243	21
22	209	212	166	325	379	239	97.0	58.1	181	301	281	242	22
23	208	227	170	328	375	248	95.0	58.1	171	308	281	245	23
24	206	253	170	335	371	252	93.6	58.8	162	314	280	251	24
25	205	275	167	342	369	255	90.1	58.8	154	320	279	255	25
26	203	288	163	348	365	256	85.5	58.4	147	322	278	256	26
27	201	291	161	354	344	252	80.7	58.2	139	323	279	256	27
28	200	277	157	359	303	244	77.2	57.7	131	322	275	255	28
29	198		156	369	253	238	75.1	58.5	126	322	267	253	29
30	197		165	379	211	234	73.9	60.8	122	322	261	251	30
31	195		187		181		71.9	62.3		322		250	31
TOTAL	6 980	5 832	5 985	10 265	11 140	6 040	4 544.0	1 949.2	4 307.4	6 775	8 695	7 685	TOTAL
MEAN	225	208	193	342	359	201	147	62.9	144	219	290	248	MEAN
MAX	263	291	257	394	395	256	229	69.9	203	323	320	256	MAX
MIN	195	186	156	215	181	137	71.9	57.7	64.4	120	261	239	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 220
MAXIMUM DAILY, 395 ON MAY 14
MINIMUM DAILY, 57.7 ON AUG 28
MAXIMUM INSTANTANEOUS,
400 AT 03:11 EST ON APR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 03 01 N
LONG 80 34 26 W
DRAINAGE AREA, 13 900 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	603 000	JUL	393 000
FEB	504 000	AUG	168 000
MAR	517 000	SEP	372 000
APR	887 000	OCT	585 000
MAY	962 000	NOV	751 000
JUN	522 000	DEC	664 000

TOTAL DISCHARGE, 6 930 000 dam³

FRENCH RIVER AT LAKE NIPISSING - STATION NO. 02DD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	249	190	153	181	339	95.8	185	63.5	73.1	113	281	221	1
2	244	188	162	245	335	91.5	179	63.7	73.1	114	279	218	2
3	241	188	174	232	337	83.0	175	63.9	73.0	113	280	218	3
4	237	187	179	230	339	68.2	175	67.2	73.5	113	282	216	4
5	236	185	181	253	338	119	175	68.0	75.1	112	279	216	5
6	235	184	181	287	338	155	175	71.8	74.9	113	277	216	6
7	233	183	181	317	335	155	175	67.9	74.7	151	275	216	7
8	231	183	181	263	333	155	174	64.1	94.0	170	272	214	8
9	229	182	189	237	332	155	175	64.9	130	171	269	212	9
10	227	181	189	259	331	155	163	64.6	161	171	266	210	10
11	224	181	176	282	330	154	154	64.3	185	171	265	212	11
12	221	181	162	270	330	147	152	64.1	173	170	262	214	12
13	220	180	153	234	330	141	131	64.2	173	171	259	213	13
14	218	179	151	233	331	142	99.6	63.6	175	187	258	213	14
15	215	178	151	283	331	153	94.6	63.4	174	208	255	218	15
16	213	177	152	299	333	173	94.3	63.7	174	214	253	227	16
17	212	176	156	296	332	186	90.4	63.8	174	222	252	228	17
18	210	176	155	296	335	184	86.6	62.8	172	223	250	226	18
19	207	176	149	286	333	192	86.5	62.4	172	252	249	224	19
20	206	181	155	281	329	203	86.2	62.3	172	280	254	223	20
21	203	186	161	286	328	203	86.8	62.0	158	281	254	222	21
22	202	188	161	299	326	204	86.6	62.1	146	281	253	227	22
23	20*	193	158	310	323	203	85.2	62.1	146	284	250	233	23
24	201	201	151	312	320	202	78.2	62.1	144	287	248	231	24
25	200	207	148	320	318	203	71.5	61.9	127	288	246	229	25
26	197	201	144	326	232	204	72.7	61.8	114	298	245	228	26
27	195	168	133	329	181	194	72.5	61.5	114	286	229	227	27
28	195	151	126	336	165	184	72.1	61.5	114	287	224	225	28
29	193		127	343	101	184	71.5	62.6	114	289	222	223	29
30	192		131	345	101	185	71.4	63.3	113	285	222	221	30
31	191		153		101		67.3	67.8		283		219	31
TOTAL	6 678	5 131	4 923	8 470	9 167	4 873.5	3 662.0	1 982.9	3 936.4	6 588	7 710	6 840	TOTAL
MEAN	215	183	159	282	296	162	118	64.0	131	213	257	221	MEAN
MAX	249	207	189	345	339	204	185	71.8	185	298	282	233	MAX
MIN	191	151	126	181	101	68.2	67.3	61.5	73.0	112	222	210	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 192
MAXIMUM DAILY, 345 ON APR 30
MINIMUM DAILY, 61.5 ON AUG 27

DRAINAGE AREA, 12 300 km²

REGULATED SINCE 1916

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	577 000	JUL	316 000
FEB	443 000	AUG	171 000
MAR	425 000	SEP	340 000
APR	732 000	OCT	569 000
MAY	792 000	NOV	666 000
JUN	421 000	DEC	591 000

TOTAL DISCHARGE, 6 040 000 dam³

REMARKS - DAILY DISCHARGES OBTAINED BY SUMMATION OF FLOWS AT 02DD016, 02DD017, 02DD018 AND 02DD019

FRENCH RIVER AT PORTAGE DAM - STATION NO. 02DD016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	89.3	70.6	18.9	16.4	44.3	47.4	106	31.9	41.9	25.5	46.5	38.0	1
2	88.2	69.4	25.7	54.9	41.0	43.0	105	32.0	41.8	25.6	46.2	38.1	2
3	87.0	69.0	36.0	58.5	44.5	34.1	105	32.3	41.6	25.5	49.9	38.2	3
4	85.8	68.0	39.5	47.8	47.7	18.8	105	35.3	41.9	25.4	53.8	37.8	4
5	85.2	67.4	39.7	62.8	47.4	69.5	105	35.8	42.5	25.2	53.2	37.7	5
6	84.9	67.2	39.7	87.2	48.2	106	105	39.5	42.5	25.3	53.0	37.6	6
7	84.5	66.9	39.7	114	47.4	106	105	35.7	42.2	25.5	53.1	37.3	7
8	83.6	66.9	39.7	54.1	48.4	106	105	31.9	41.8	25.5	51.8	37.3	8
9	83.0	66.4	47.1	17.0	49.6	106	105	32.6	41.3	25.8	52.8	37.1	9
10	82.4	65.9	47.4	33.1	50.0	106	94.1	32.5	36.8	25.8	53.1	37.0	10
11	80.9	66.2	33.5	50.2	50.0	106	84.9	32.3	32.2	25.7	53.2	39.9	11
12	80.4	66.1	19.7	32.4	50.0	98.4	83.6	32.3	31.9	25.6	52.4	43.1	12
13	80.0	65.9	13.4	16.3	50.2	92.9	83.9	32.2	32.4	25.6	51.5	42.5	13
14	79.1	65.6	13.4	10.8	50.2	93.7	65.7	31.8	33.3	21.2	51.2	42.9	14
15	78.0	65.2	13.5	41.0	50.2	104	61.1	31.7	32.6	16.5	50.7	49.0	15
16	77.2	64.7	13.4	32.8	50.3	115	61.1	31.9	32.6	22.8	50.2	54.4	16
17	76.7	64.3	17.2	25.7	53.8	117	57.5	32.2	32.5	30.4	50.4	55.2	17
18	76.0	64.4	22.0	19.6	57.4	116	53.7	31.3	31.9	30.3	50.0	55.0	18
19	75.3	64.4	21.6	16.9	57.1	111	53.7	31.1	31.8	30.3	49.7	54.4	19
20	75.0	64.4	26.7	14.5	56.9	105	53.5	31.1	31.7	29.8	54.1	54.1	20
21	74.3	72.8	33.1	17.5	56.8	105	54.0	31.0	24.0	30.3	57.5	54.4	21
22	74.3	73.8	33.0	29.7	56.6	105	53.8	31.1	17.3	30.3	57.7	60.8	22
23	74.0	76.2	29.6	40.9	56.6	105	52.8	31.2	17.2	33.6	57.8	68.4	23
24	73.8	79.8	22.7	41.0	56.2	104	46.0	31.0	17.0	37.2	58.4	68.0	24
25	73.1	82.4	18.7	40.9	55.9	105	39.5	31.0	21.2	38.1	57.7	67.7	25
26	72.3	73.1	16.4	40.5	42.1	105	40.4	31.0	25.5	37.2	57.7	67.0	26
27	72.1	67.8	13.6	41.8	56.6	105	40.4	30.9	25.6	38.5	47.2	67.4	27
28	72.1	18.5	13.5	43.2	54.3	105	40.2	31.0	25.7	42.5	38.5	67.2	28
29	71.4		13.4	48.7	52.4	105	39.7	31.7	25.6	47.1	39.0	66.6	29
30	71.2		13.4	50.4	52.5	106	39.6	32.0	25.5	46.9	38.7	65.7	30
31	71.1		13.4		52.1		35.5	36.6		47.2		65.2	31
TOTAL	2 432.2	1 847.6	788.6	1 180.6	1 586.7	2 851.8	2 180.7	1 005.9	961.0	942.2	1 537.0	1 585.0	TOTAL
MEAN	78.5	66.0	25.4	39.4	51.2	95.1	70.3	32.4	32.1	30.4	51.2	51.1	MEAN
MAX	89.3	82.4	47.4	114	57.4	117	106	39.5	42.5	47.2	58.4	68.4	MAX
MIN	71.1	18.5	13.4	10.8	41.0	18.8	35.5	30.9	17.0	16.5	38.5	37.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 51.8
MAXIMUM DAILY, 117 ON JUN 17
MINIMUM DAILY, 10.8 ON APR 14

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 07 22 N
LONG 80 00 49 W

REGULATED SINCE 1949

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	210 000	JUL	188 000
FEB	160 000	AUG	86 900
MAR	68 100	SEP	83 100
APR	102 000	OCT	81 400
MAY	137 000	NOV	133 000
JUN	246 000	DEC	137 000

TOTAL DISCHARGE, 1 630 000 dam³

REMARKS - DISCHARGES SUMMED WITH THOSE AT 02DD017, 02DD018, 02DD019, TO GIVE FLOW FOR "FRENCH RIVER AT LAKE NIPISSING" NO. 02DD007

GANARASKA RIVER ABOVE DALE - STATION NO. 02HD012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.04B	3.70B	5.03	4.57	2.77	2.61	2.55	1.86	2.40	2.21	2.96	3.04	1
2	2.06B	3.20B	4.18B	3.98	2.63	2.42	2.29	1.83	2.50	2.23	2.97	3.52	2
3	2.07B	2.60B	3.50B	3.51	2.55	2.36	2.05	1.89	2.50	2.09	2.73	3.44	3
4	2.08B	2.35B	3.40B	3.65	2.56	2.44	1.99	1.90	8.47	2.04	2.71	3.17	4
5	2.09B	2.20B	3.45B	3.58	2.49	2.26	4.00	3.14	6.13	2.13	2.71	2.94	5
6	2.10B	2.09B	3.63	3.33	2.52	2.21	3.49	2.13	5.49	3.63	3.03	2.79	6
7	2.12B	2.03B	3.57	3.01	2.39	2.10	2.20	1.93	4.64	4.08	3.19	2.64	7
8	2.13B	2.00B	3.78	2.96	2.35	2.09	1.98	1.99	3.95	3.08	2.79	2.85	8
9	2.14B	1.98B	3.85	2.98	2.37	2.16	1.94	2.39	3.56	2.47	2.64	2.90B	9
10	2.14B	2.30B	3.74	3.02	2.64	2.31	1.95	2.18	2.70	2.32	2.54	2.90B	10
11	2.15B	3.90B	3.70	3.03	6.73	2.71	1.90	2.25	2.51	2.21	2.58	2.88B	11
12	2.17B	11.8 B	3.30B	3.09	9.99	2.22	1.76	2.50	2.35	2.20	2.60	2.86B	12
13	2.18B	8.60B	3.10B	2.65	4.59	2.19	1.78	2.31	2.25	2.21	2.38	2.85B	13
14	2.19B	7.45B	2.95B	5.37	3.58	2.21	1.72	2.51	2.23	2.19	2.41	2.84B	14
15	2.20B	6.80B	2.85B	4.69	3.47	2.28	1.70	4.28	2.22	2.16	2.53	2.82B	15
16	2.21B	6.40B	2.78B	3.50	3.25	2.16	1.70	4.23	2.06	2.21	4.68	2.81B	16
17	2.21B	10.1 B	2.72B	4.21	2.91	2.42	1.60	2.36	2.10	2.16	9.03	2.80B	17
18	2.22B	17.8 B	2.70B	7.64	2.74	2.14	1.89	2.16	2.09	5.81	4.79	2.76B	18
19	2.23B	27.8 B	2.70B	4.50	2.59	2.07	1.80	2.08	2.03	4.72	3.73	2.74B	19
20	2.24B	47.0 B	2.70B	3.63	2.43	2.08	2.25	1.97	1.98	3.01	5.70	2.72B	20
21	2.25B	30.5 B	2.75B	3.21	2.40	2.18	2.17	1.91	1.99	2.76	6.71	2.78B	21
22	2.27B	15.7 B	2.90B	3.00	2.34	3.41	1.85	1.86	2.70	4.23	4.45	2.95B	22
23	2.29B	12.0 B	3.28	3.40	2.25	3.02	1.73	1.89	2.65	6.28	3.56	3.2CB	23
24	2.30B	9.20B	3.27	4.26	2.26	2.26	1.69	2.00	2.10	4.16	3.24	3.50B	24
25	2.32B	7.56B	3.28	3.78	2.33	2.22	1.76	1.87	2.03	3.19	2.98	3.10B	25
26	2.65B	6.35	3.29	3.27	2.49	2.08	1.82	1.85	2.14	3.52	2.82	2.90B	26
27	2.50B	5.35	3.33	3.03	2.46	2.02	1.84	1.87	2.29	7.12	4.74	2.75B	27
28	2.40B	5.29	3.26	2.88	4.75	1.97	2.21	1.94	2.14	8.52	4.16	2.75B	28
29	2.35B		3.20	3.12	3.68	1.98	3.29	2.14	2.04	4.37	3.46	2.65B	29
30	2.31B		6.41	3.12	3.37	1.95	2.28	2.03	2.04	3.39	3.12	2.60B	30
31	2.30B		6.99		3.08		2.00	2.22		3.17		2.65B	31
TOTAL	68.91	264.05	109.59	109.97	98.96	68.53	65.08	69.47	86.28	105.87	107.94	90.05	TOTAL
MEAN	2.22	9.43	3.54	3.67	3.19	2.28	2.10	2.24	2.88	3.42	3.60	2.90	MEAN
MAX	2.65	47.0	6.99	7.64	9.99	3.41	4.00	4.28	8.47	8.52	9.03	3.52	MAX
MIN	2.04	1.98	2.70	2.65	2.25	1.95	1.60	1.83	1.98	2.04	2.38	2.60	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.41
MAXIMUM DAILY, 47.0B ON FEB 20
MINIMUM DAILY, 1.60 ON JUL 17

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 59 26 N
LONG 78 19 43 W
DRAINAGE AREA, 232 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 950	JUL	5 620
FEB	22 800	AUG	6 000
MAR	9 470	SEP	7 450
APR	9 500	OCT	9 150
MAY	8 550	NOV	9 330
JUN	5 920	DEC	7 780

TOTAL DISCHARGE, 108 000 dam³

GANARASKA RIVER NEAR OSACA - STATION NO. 02HD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.820B	1.20 B	1.68	1.48	1.06	0.975	1.33	0.754	0.970	1.07	1.20E	1.14	1
2	0.825B	1.60 B	1.55	1.37	1.04	0.950	1.03	0.757	0.981	1.06	1.23E	1.26	2
3	0.835B	1.14 B	1.38B	1.30	1.03	0.972	0.911	0.742	1.01	1.03	1.14E	1.19	3
4	0.840B	1.00 B	1.28B	1.39	1.02	1.03	0.869	0.819	2.83	1.02	1.18E	1.12	4
5	0.840B	0.910B	1.32	1.35	1.03	0.926	2.52	1.51	1.86	1.04	1.19E	1.09	5
6	0.845B	0.870B	1.18B	1.24	1.04	0.902	1.42	0.892	2.80	1.75	1.52E	1.03	6
7	0.845B	0.830B	1.12B	1.18	0.973	0.890	0.995	0.828	1.63	1.46	1.40E	1.02	7
8	0.850B	0.800B	1.36	1.18	0.953	0.860	0.871	0.870	1.40	1.19	1.25E	1.06	8
9	0.860B	0.770B	1.38	1.21	1.02	0.901	0.859	1.01	1.31	1.11	1.18E	1.06B	9
10	0.865B	0.750B	1.34	1.21	1.16	1.01	0.818	0.894	1.17	1.07	1.13E	1.07B	10
11	0.875B	2.00 B	1.33	1.22	3.77	1.05	0.765	1.01	1.12	1.09	1.20E	1.08B	11
12	0.880B	4.50 B	1.30	1.16	2.95	0.899	0.771	1.07	1.08	1.09	1.12E	1.09B	12
13	0.890B	3.55 B	1.21B	1.10	1.45	0.916	0.749	1.01	1.03	1.06	1.09E	1.09B	13
14	0.900B	3.00 B	1.15B	2.19	1.27	0.935	0.712	1.01	0.991	0.981	1.15E	1.08	14
15	0.910B	2.65 B	1.12B	1.54	1.26	0.951	0.707	2.14	0.993	0.924	1.14E	1.07	15
16	0.920B	3.40 B	1.08B	1.25	1.22	0.900	0.698	1.58	0.939	0.913	2.20E	1.07	16
17	0.925B	5.20 B	1.07B	1.58	1.12	1.10	0.644	1.02	0.978	0.947	3.01E	1.11	17
18	0.930B	8.30 B	1.06B	1.98	1.07	0.881	0.799	0.909	0.987	3.01	1.90E	1.10B	18
19	0.940B	10.5 B	1.05B	1.34	1.03	0.829	0.774	0.881	0.958	1.50	1.50E	1.09B	19
20	0.950B	12.5 B	1.07B	1.24	0.970	0.842	1.03	0.857	0.944	1.18	1.30E	1.08B	20
21	0.960B	6.23 B	1.03B	1.17	0.952	0.910	0.897	0.799	0.957	1.17	1.45E	1.07B	21
22	0.974B	3.98	1.11B	1.18	0.964	1.56	0.782	0.788	1.21	1.82	1.30E	1.15B	22
23	0.980B	7.79	1.18B	1.28	0.907	1.19	0.758	0.776	1.07	2.04	1.15E	1.30B	23
24	0.980B	4.45	1.24	1.46	0.892	0.983	0.762	0.853	0.970	1.38	1.08E	1.20B	24
25	0.980B	2.43	1.25	1.31	0.917	0.939	0.771	0.798	0.950	1.19	1.02E	1.15B	25
26	1.00 B	1.96	1.24	1.23	0.956	0.897	0.798	0.773	1.02	1.70 E	1.07	1.10B	26
27	1.12 B	1.78	1.26	1.13	1.02	0.829	0.769	0.791	1.09	2.95 E	1.67	1.05B	27
28	1.05 B	1.74	1.24	1.11	1.96	0.825	1.10	0.871	1.02	2.80 E	1.29	1.03B	28
29	0.980B		1.25	1.22	1.32	0.812	1.32	0.927	1.02	2.20 E	1.19	1.02B	29
30	0.970B		2.39	1.15	1.30	0.829	0.925	0.874	0.997	1.42 E	1.12	1.01B	30
31	0.950B		2.06		1.14		0.810	0.978		1.31 E		1.01B	31
TOTAL	28.489	95.830	40.36	39.75	38.764	28.493	28.974	29.790	36.285	44.475	40.37	33.99	TOTAL
MEAN	0.919	3.42	1.30	1.33	1.25	0.950	0.935	0.961	1.21	1.43	1.35	1.10	MEAN
MAX	1.12	12.5	2.39	2.19	3.77	1.56	2.52	2.14	2.83	3.01	3.01	1.30	MAX
MIN	0.820	0.750	1.05	1.10	0.892	0.812	0.644	0.742	0.939	0.913	1.02	1.01	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.33
MAXIMUM DAILY, 12.5B ON FEB 20
MINIMUM DAILY, 0.644 ON JUL 17

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 00 56 N
LONG 78 26 17 W
DRAINAGE AREA, 67.3 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 460	JUL	2 500
FEB	2 280	AUG	2 570
MAR	3 490	SEP	3 140
APR	3 430	OCT	3 840
MAY	3 350	NOV	3 490
JUN	2 460	DEC	2 940

TOTAL DISCHARGE, 42 000 dam³

GANATSEKIAGON CREEK NEAR PICKERING - STATION NO. 02HC114

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.241	0.161	0.059	0.039	0.030	0.020	0.045	---	0.116	0.122	1
2	---	---	0.198	0.138	0.052	0.036	0.028	0.021	0.052	---	0.099	0.171	2
3	---	---	0.162	0.118	0.050	0.040	0.027	0.022	0.044	---	0.087	0.143	3
4	---	---	0.159	0.111	0.048	0.053	0.027	0.073	0.254	---	0.080	0.119	4
5	---	---	0.147	0.108	0.047	0.040	0.027	0.101	0.198	---	0.076	0.105	5
6	---	---	0.129	0.092	0.047	0.035	0.027	0.036	0.132	---	0.085	0.095	6
7	---	---	0.117	0.082	0.043	0.031	0.024	0.032	0.116	---	0.095	0.082	7
8	---	---	0.115	0.078	0.041	0.031	0.023	0.033	0.135	---	0.082	0.082	8
9	---	---	0.115	0.080	0.039	0.032	0.022	0.039	0.082	---	0.072	0.084	9
10	---	---	0.115	0.074	0.045	0.037	0.018	0.036	0.055	---	0.066	0.089	10
11	---	---	0.114	0.072	0.247	0.037	0.015	0.044	0.047	---	0.066	0.088	11
12	---	---	0.108	0.068	0.204	0.032	0.015	0.042	0.042	---	0.062	0.088	12
13	---	---	0.107	0.066	0.114	0.033	0.016	0.036	0.036	---	0.060	0.089	13
14	---	---	0.101	0.187	0.080	0.034	0.015	0.035	0.031	---	0.059	0.089	14
15	---	---	0.098	0.147	0.082	0.033	0.016	0.176	0.029	---	0.059	0.083	15
16	---	---	0.088	0.106	0.068	0.070	0.017	0.083	0.028	---	0.180	---	16
17	---	---	0.076	0.160	0.053	0.084	0.018	0.043	---	---	0.292	---	17
18	---	---	0.076	0.155	0.047	0.040	0.020	0.036	---	---	0.193	---	18
19	---	---	0.077	0.109	0.042	0.036	0.029	0.033	---	---	0.149	---	19
20	---	---	0.076	0.095	0.036	0.035	0.037	0.031	---	---	0.415	---	20
21	---	---	0.075	0.081	0.035	0.036	0.033	0.030	---	---	0.531	---	21
22	---	---	0.075	0.078	0.032	0.089	0.030	0.030	---	---	0.292	---	22
23	---	---	0.069	0.088	0.032	0.059	0.027	0.030	---	---	0.188	---	23
24	---	---	0.066	0.126	0.033	0.037	0.028	0.031	---	---	0.151	---	24
25	---	---	0.068	0.111	0.036	0.033	0.029	0.031	---	---	0.124	---	25
26	---	---	0.069	0.088	0.039	0.028	0.031	0.031	---	---	0.117	---	26
27	---	---	0.080	0.080	0.042	0.026	0.032	0.032	---	---	0.364	---	27
28	---	---	0.078	0.074	0.084	0.026	0.066	0.046	---	---	0.208	---	28
29	---		0.083	0.083	0.057	0.026	0.049	0.045	---	0.263	0.152	---	29
30	---		0.189	0.071	0.051	0.026	0.026	0.047	---	0.168	0.125	---	30
31	---		0.191		0.047		0.022	0.047		0.136		---	31
TOTAL	---	---	3.462	3.087	1.932	1.194	0.823	1.372	---	---	4.645	---	TOTAL
MEAN	---	---	0.112	0.103	0.062	0.040	0.027	0.044	---	---	0.155	---	MEAN
MAX	---	---	0.241	0.187	0.247	0.089	0.066	0.176	---	---	0.531	---	MAX
MIN	---	---	0.066	0.066	0.032	0.026	0.015	0.020	---	---	0.059	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.015 ON JUL 11

DATA CONTRIBUTED BY -
ONTARIO MINISTRY OF THE ENVIRONMENT

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 51 35 N
LONG 79 05 10 W
DRAINAGE AREA, 13.5 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	71.1
FEB	---	AUG	119
MAR	299	SEP	---
APR	267	OCT	---
MAY	167	NOV	401
JUN	103	DEC	---

GOULAIS RIVER NEAR SEARCHMONT - STATION NO. 02BF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.20B	4.00B	11.0 B	70.0B	27.5	12.7	67.1	3.84	2.85	2.34	14.4	7.40B	1
2	6.10B	3.98B	10.4 B	90.0B	25.6	13.2	54.4	4.85	2.94	2.58	14.1	7.77B	2
3	6.00B	3.95B	9.80B	109	25.0	16.7	43.4	4.34	2.74	2.62	13.5	7.50B	3
4	5.90B	3.94B	9.35B	175	29.4	25.8	35.2	6.19	2.59	2.69	12.8	7.35B	4
5	5.85B	3.93B	9.00B	200	43.8	22.2	29.8	8.99	2.44	2.75	12.2	7.20B	5
6	5.80B	3.93B	8.55B	152	48.3	20.9	25.6	8.09	2.34	4.26	13.2	7.05B	6
7	5.73B	3.95B	8.15B	124	44.0	19.6	22.2	7.03	2.30	7.53	13.7	6.90B	7
8	5.60B	3.96B	7.80B	112	40.1	20.4	19.6	6.33	2.92	6.84	13.3	6.80B	8
9	5.50B	3.99B	7.50B	107	36.7	20.7	17.2	5.80	3.28	6.13	12.8	6.65B	9
10	5.40B	4.00B	7.10B	103	33.5	19.7	15.0	8.01	3.33	5.81	12.3	6.50B	10
11	5.35B	4.00B	6.90B	99.9	30.5	18.5	13.3	7.01	3.11	5.72	12.0	6.40B	11
12	5.25B	4.00B	6.65B	96.9	27.6	18.5	11.9	6.21	3.08	5.54	11.3 B	6.30B	12
13	5.15B	4.05B	6.50B	87.2	25.4	18.3	10.9	5.79	2.93	5.32	10.8 B	6.25B	13
14	5.05B	4.10B	6.25B	99.9	24.0	16.9	9.92	5.42	2.79	5.29	10.8	6.30B	14
15	5.00B	4.20B	6.05B	94.2	22.5	26.0	9.09	5.19	2.61	6.77	10.7	6.40B	15
16	4.95B	4.60B	5.90B	82.6	20.8	36.3	8.48	4.84	2.46	7.01	10.3	6.20B	16
17	4.85B	4.90B	5.80B	76.9	19.4	38.5	8.14	4.42	2.34	6.71	10.1	6.05B	17
18	4.80B	5.20B	5.65B	71.7	18.1	36.3	7.96	4.10	2.25	13.8	10.1	5.95B	18
19	4.70B	5.60B	5.55B	63.6	16.9	37.4	7.42	3.82	2.16	19.6	10.3	5.80B	19
20	4.65B	6.40B	5.40B	56.0	15.6	33.2	6.91	3.54	2.06	18.8	10.0	5.70B	20
21	4.60B	7.10B	5.35B	49.5	14.5	30.0	6.49	3.26	2.01	18.8	9.00B	5.65B	21
22	4.55B	7.50B	5.25B	43.5	13.7	28.1	5.93	3.12	1.95	18.4	8.50B	5.65B	22
23	4.50B	8.00B	5.20B	41.6	13.0	26.8	5.45	2.96	1.89	18.3	8.10B	5.70B	23
24	4.40B	8.90B	5.20B	43.4	12.3	26.5	5.07	2.94	1.80	17.2	7.80B	5.65B	24
25	4.35B	11.7 B	5.20B	41.0	11.8	41.1	5.02	2.84	1.79	16.0	7.50B	5.55B	25
26	4.25B	12.3 B	5.25B	38.0	14.1	40.1	4.84	2.69	1.81	15.1	7.30B	5.45B	26
27	4.20B	11.9 B	5.60B	35.1	15.2	34.8	4.40	2.77	2.08	14.4	7.20B	5.35B	27
28	4.10B	11.5 B	6.80B	33.1	14.2	30.2	4.21	2.72	2.36	14.0	7.40B	5.25B	28
29	4.05B		9.60B	31.4	13.5	48.0	4.09	2.66	2.24	13.4	7.60B	5.15B	29
30	4.03B		15.0 B	29.4	13.6	78.4	3.72	2.72	2.09	13.1	7.10B	5.05B	30
31	4.00B		40.0 B		13.0		3.45	2.88		13.7		5.00B	31
TOTAL	154.86	165.58	257.75	2 456.9	723.6	857.8	476.19	145.37	73.54	310.51	316.20	191.92	TOTAL
MEAN	5.00	5.91	8.31	81.9	23.3	28.6	15.4	4.69	2.45	10.0	10.5	6.19	MEAN
MAX	6.20	12.3	40.0	200	48.3	78.4	67.1	8.99	3.33	19.6	14.4	7.77	MAX
MIN	4.00	3.93	5.20	29.4	11.8	12.7	3.45	2.66	1.79	2.34	7.10	5.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.8
MAXIMUM DAILY, 200 ON APR 5
MINIMUM DAILY, 1.79 ON SEP 25
MAXIMUM INSTANTANEOUS,
222 AT 02:14 EST ON APR 5

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 51 37 N
LONG 83 58 18 W
DRAINAGE AREA, 1 160 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	13 400	JUL	41 100
FEB	14 300	AUG	12 600
MAR	22 300	SEP	6 350
APR	212 000	OCT	26 800
MAY	62 500	NOV	27 300
JUN	74 100	DEC	16 600

TOTAL DISCHARGE, 529 000 dam³

GRAND RIVER AT BRANTFORD - STATION NO. 02GB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	33.5B	28.0B	163	156	60.3	23.7	24.4	21.5	88.4	32.5	106	65.1	1
2	33.0B	26.5B	157	146	52.4	23.1	24.2	20.0	72.0	44.4	96.8	73.2	2
3	32.0B	25.5B	118	123	46.0	25.8	22.0	20.5	80.4	46.8	89.4	100	3
4	31.5B	25.0B	82.5	91.8	42.2	26.5	23.3	23.4	117	47.5	78.2	101	4
5	31.0B	24.5B	71.6	72.9	40.3	24.2	26.5	26.1	234	42.1	66.2	89.4	5
6	33.0B	24.0B	63.7	62.0	38.9	22.9	37.3	24.0	195	43.5	63.4	80.7	6
7	31.5B	23.8B	58.9	55.5	37.3	21.6	35.1	21.7	116	60.6	60.0	75.8	7
8	30.5B	23.5B	53.4	45.1	36.8	20.9	31.8	25.3	90.4	75.8	58.2	73.5	8
9	32.0B	22.9B	50.8	38.9	37.0	21.7	26.8	26.7	80.0	70.5	49.4	65.0B	9
10	31.0B	22.5B	50.5	36.0	37.6	21.9	23.9	22.8	77.4	57.7	47.7	61.0B	10
11	30.0B	37.0B	50.6	35.8	50.4	21.9	21.0	28.8	73.2	56.6	45.9	59.0B	11
12	29.5B	35.5B	50.4	34.7	69.4	21.5	19.4	31.1	65.0	53.8	45.4	60.5B	12
13	29.0B	34.5B	50.1	32.6	77.7	22.3	18.7	27.5	54.6	51.2	44.6	61.5B	13
14	28.5B	34.0B	49.2	45.4	70.1	29.6	17.3	24.7	52.3	50.4	43.7	64.5B	14
15	28.0B	34.5B	47.2	58.0	70.4	27.1	16.2	26.3	49.9	50.0	43.0	65.5	15
16	29.5B	36.5B	46.0	58.6	64.3	25.6	17.2	32.1	47.9	50.8	44.2	63.1	16
17	29.0B	62.0B	39.0B	57.3	62.3	28.3	18.4	28.4	49.7	48.8	46.0	59.6	17
18	28.0B	100 B	35.0B	57.5	60.8	24.6	18.6	27.1	48.0	54.3	45.5	49.5B	18
19	27.5B	170 B	33.5B	55.1	51.9	23.0	21.7	23.7	45.6	64.8	53.6	48.0B	19
20	27.0B	430 B	32.5B	50.4	45.6	22.9	27.8	21.6	44.0	72.5	60.3	52.0B	20
21	26.5B	510 B	32.0B	45.4	40.6	26.6	24.2	19.8	44.8	76.4	77.7	48.0B	21
22	26.2B	423	31.6	41.1	37.6	38.8	21.3	18.9	56.7	91.4	88.8	47.5B	22
23	25.8B	415	30.3	42.2	33.6	44.6	20.0	18.3	53.6	135	81.1	47.0B	23
24	25.3B	584	31.4	51.0	30.1	40.4	19.4	17.8	47.3	166	69.7	44.0B	24
25	25.0B	505	31.9	53.2	29.2	36.6	19.5	18.1	33.9	146	60.4	39.0B	25
26	26.0B	298	33.1	50.0	28.6	31.1	19.0	18.1	32.6	121	55.8	35.5B	26
27	27.0B	190	36.8	45.5	27.3	27.4	19.2	19.6	32.4	116	58.0	37.0B	27
28	25.8B	148	42.7	48.0	28.9	24.6	24.1	21.0	30.6	161	88.9	36.0B	28
29	25.2B		47.7	60.2	29.9	22.6	43.7	28.6	30.3	208	90.1	35.0B	29
30	24.8B		54.0	65.4	29.5	21.7	30.7	39.5	31.0	172	74.5	35.5B	30
31	24.5B		94.1		26.5		23.9	85.4		134		34.5B	31
TOTAL	887.1	4 293.2	1 768.5	1 815.3	1 393.5	793.5	736.6	808.4	2 074.0	2 601.4	1 924.5	1 806.9	TOTAL
MEAN	28.6	153	57.0	60.5	45.0	26.5	23.8	26.1	69.1	83.9	64.2	58.3	MEAN
MAX	33.5	584	163	156	77.7	44.6	43.7	85.4	234	208	106	101	MAX
MIN	24.5	22.5	30.3	32.6	26.5	20.9	16.2	17.8	30.3	32.5	43.0	34.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 57.3
MAXIMUM DAILY, 584 ON FEB 24
MINIMUM DAILY, 16.2 ON JUL 15
MAXIMUM INSTANTANEOUS,
638 AT 13:30 EST ON FEB 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 07 56 N
LONG 80 16 01 W
DRAINAGE AREA, 5 210 km²

B - ICE CONDITIONS

REGULATED SINCE 1942

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	76 600	JUL	63 600
FEB	371 000	AUG	69 800
MAR	153 000	SEP	179 000
APR	157 000	OCT	225 000
MAY	120 000	NOV	166 000
JUN	68 600	DEC	156 000

TOTAL DISCHARGE, 1 810 000 dam³

GRAND RIVER AT GALT - STATION NO. 02GA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.5B	15.5B	106	111	24.9	15.2	16.7	14.5	33.2	23.6	70.4	40.8	1
2	24.8B	14.8B	94.8	104	22.3	15.0	15.5	13.9	35.3	29.3	65.4	57.6	2
3	23.8B	14.3B	68.0B	89.1	20.1	17.5	15.2	15.9	38.0	26.9	60.3	73.5	3
4	23.2B	13.9B	48.0B	60.6	19.2	15.8	17.1	17.8	89.3	24.1	48.4	65.2	4
5	22.8B	13.8B	38.0B	45.4	18.6	15.3	24.5	20.7	119	22.4	41.9	58.8	5
6	23.5B	13.7B	34.0B	40.3	17.6	14.6	27.1	17.0	80.1	27.6	40.9	54.8	6
7	24.5B	13.7B	32.5B	33.4	16.6	13.9	24.9	16.7	63.4	47.1	34.2	53.3	7
8	23.0B	13.6B	31.0B	25.7	16.5	14.3	22.6	17.9	55.1	43.6	29.3	51.5B	8
9	23.0B	13.6B	30.3	22.7	16.5	14.8	19.7	18.0	55.7	34.9	29.4	46.0B	9
10	22.5B	15.0B	30.5	21.4	17.1	15.4	17.7	16.5	57.2	31.7	27.9	50.0B	10
11	21.5B	27.0B	30.7	21.6	31.0	15.1	15.5	21.5	54.5	34.8	27.3	46.0B	11
12	21.0B	25.5B	30.4	20.1	41.7	15.4	14.8	20.5	44.3	33.4	27.9	45.0B	12
13	20.5B	24.8B	27.0B	19.8	36.1	16.1	14.4	18.4	38.0	32.1	27.1	44.0B	13
14	20.3B	23.8B	26.0B	31.4	36.1	21.4	13.1	17.1	36.9	32.2	26.5	43.0B	14
15	20.1B	23.2B	25.0B	35.8	36.5	17.6	12.9	21.4	35.7	33.0	26.6	44.5B	15
16	21.5B	23.0B	22.5B	31.8	32.5	18.3	15.3	21.5	35.1	32.9	28.0	43.5B	16
17	19.5B	28.5B	19.6B	31.1	34.8	18.7	15.1	20.7	35.5	30.6	28.8	43.0B	17
18	18.5B	42.0B	18.6B	31.1	29.4	16.6	15.9	18.7	33.2	36.9	32.1	42.5B	18
19	17.8B	94.0B	18.2B	29.1	23.9	16.1	18.2	16.8	32.0	44.1	36.8	42.0B	19
20	17.4B	200 B	17.8B	25.8	20.5	15.9	18.3	15.2	31.3	48.4	44.7	43.0B	20
21	16.9B	230 B	17.7B	23.6	18.6	19.5	16.7	13.8	33.1	41.9	59.6	39.0B	21
22	16.4B	205 B	17.5B	21.9	16.9	27.4	15.6	13.5	39.1	69.8	54.3	37.0B	22
23	15.9B	255	17.7	24.0	15.4	25.9	15.4	13.3	36.8	90.4	47.0	31.0B	23
24	15.4B	367	18.3	27.7	14.1	23.1	15.1	13.4	25.7	93.2	42.2	27.5B	24
25	15.0B	274	18.6	25.2	16.0	20.4	14.9	13.4	19.3	81.6	35.4	26.0B	25
26	14.6B	178	19.7	23.7	15.2	18.2	14.8	14.5	20.2	73.8	34.5	26.2B	26
27	15.4B	107	22.6	22.3	15.8	16.8	15.1	15.1	19.9	77.0	43.1	26.8B	27
28	14.9B	97.5	24.6	28.3	17.5	15.8	25.0	19.0	19.3	125	69.7	25.5B	28
29	14.7B		25.5	31.5	18.2	15.4	25.9	21.6	20.3	124	51.6	24.0B	29
30	14.4B		33.0	28.3	17.6	15.1	18.4	24.1	19.2	109	45.2	25.2B	30
31	14.1B		80.5		15.9		15.8	44.1		86.4		23.5B	31
TOTAL	602.4	2 367.2	1 044.6	1 887.7	693.1	520.6	547.2	566.5	1 255.7	1 637.7	1 236.5	1 299.7	TOTAL
MEAN	19.4	84.5	33.7	36.3	22.4	17.4	17.7	18.3	41.9	52.8	41.2	41.9	MEAN
MAX	25.5	367	106	111	41.7	27.4	27.1	44.1	119	125	70.4	73.5	MAX
MIN	14.1	13.6	17.5	19.8	14.1	13.9	12.9	13.3	19.2	22.4	26.5	23.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.2
MAXIMUM DAILY, 367 ON FEB 24
MINIMUM DAILY, 12.9 ON JUL 15
MAXIMUM INSTANTANEOUS,
415 AT 09:10 EST ON FEB 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 21 10 N
LONG 80 19 01 W
DRAINAGE AREA, 3 520 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	52 000	JUL	47 300
FEB	205 000	AUG	48 900
MAR	90 300	SEP	108 000
APR	94 000	OCT	141 000
MAY	59 900	NOV	107 000
JUN	45 000	DEC	112 000

TOTAL DISCHARGE, 1 110 000 dam³

GRAND RIVER AT WEST MONTROSE - STATION NO. 02GA034

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.0 B	4.80B	40.6	65.7	5.59	5.41	7.60	6.02	15.0	8.62	26.4	14.5	1
2	12.7 B	5.20B	34.6	60.9	5.27	6.24	7.61	7.63	16.0	9.75	25.7	33.9	2
3	12.4 B	4.70B	21.2	46.5	5.10	5.58	7.67	8.49	16.0	9.17	24.9	35.8	3
4	12.0 B	4.40B	14.0 B	27.0	5.04	6.10	7.71	8.41	39.3	8.37	24.2	30.7	4
5	11.6 B	4.10B	12.8 B	19.0	4.87	5.87	8.94	8.36	62.4	7.87	23.7	28.1	5
6	11.3 B	3.90B	13.3 B	17.6	4.83	5.94	9.75	8.02	38.6	12.5	21.0	26.7	6
7	11.0 B	3.75B	11.7	12.1	4.74	6.20	9.49	8.05	33.8	22.6	10.9	26.0	7
8	10.7 B	3.60B	9.99	6.84	4.54	6.37	8.65	8.21	34.6	16.1	10.2	25.5	8
9	10.3 B	3.45B	10.1	6.75	4.42	7.58	8.41	7.83	40.8	12.4	9.91	24.5 B	9
10	10.0 B	3.40B	10.2	6.36	5.45	7.50	8.16	8.29	43.4	15.8	9.6[illegible]	23.7 B	10
11	9.70B	7.40B	10.6	6.06	10.8	7.49	8.04	9.16	40.0	15.6	9.51	23.0 B	11
12	9.50B	6.70B	10.7	5.82	13.6	7.46	7.90	8.43	27.6	15.2	9.15	22.5 B	12
13	9.20B	6.30B	10.6	5.71	11.7	7.44	8.01	8.00	26.9	14.8	8.88	22.0 B	13
14	9.00B	6.10B	9.30B	9.06	17.6	7.63	7.90	7.80	26.1	14.6	8.86	21.6 B	14
15	8.90B	5.80B	8.50B	11.8	14.9	7.70	7.88	9.66	25.6	14.9	8.72	21.2 B	15
16	8.77B	5.68B	8.30B	8.86	15.2	7.58	7.83	11.0	25.3	15.2	9.06	20.8 B	16
17	8.50B	19.0 B	7.60B	8.10	17.1	7.45	7.93	9.81	23.9	15.1	10.2	20.4 B	17
18	8.20B	30.0 B	7.20B	9.10	10.7	7.44	8.28	8.52	22.1	17.7	11.0	20.0 B	18
19	7.99B	38.0 B	6.20B	7.68	7.48	7.35	8.47	7.95	21.9	22.7	10.4	19.7 B	19
20	7.70B	65.0 B	5.40B	6.85	5.80	7.34	8.18	7.53	21.7	19.5	13.1	19.3 B	20
21	7.40B	44.0 B	4.50B	6.38	5.04	7.78	8.28	7.41	21.7	22.0	20.9	18.9 B	21
22	7.00B	34.0 B	4.56	5.88	4.12	10.0	8.23	7.20	21.7	30.3	16.1	18.5 B	22
23	6.50B	140 B	4.69	6.05	3.95	10.5	8.10	7.14	16.5	34.4	13.6	6.60B	23
24	5.20B	164	4.89	6.35	6.17	9.50	8.09	7.10	7.04	37.2	12.3	7.00B	24
25	4.80B	123	5.35	6.16	4.25	8.64	8.05	8.52	6.80	32.1	11.5	6.90B	25
26	5.40B	90.3	6.18	5.86	3.88	8.23	8.07	9.48	6.98	30.7	11.2	6.80B	26
27	5.90B	38.8	8.70	5.60	3.99	7.93	8.20	9.24	7.27	32.3	25.1	6.70B	27
28	5.00B	40.6	9.93	5.76	5.25	7.84	9.78	9.77	7.82	40.3	25.7	7.10B	28
29	4.60B		10.3	5.99	5.59	7.79	9.29	10.3	7.48	33.2	17.2	6.80B	29
30	4.40B		19.7	5.97	5.52	7.70	6.62	10.7	7.29	29.2	14.7	6.55B	30
31	4.30B		60.8		5.45		6.15	16.3		27.5		6.40B	31
TOTAL	262.96	985.98	402.49	407.79	227.94	223.58	253.27	274.33	711.58	637.68	453.69	578.15	TOTAL
MEAN	8.48	32.4	13.0	13.6	7.35	7.45	8.17	8.85	23.7	20.6	15.1	18.7	MEAN
MAX	13.0	164	60.8	65.7	17.6	10.5	9.78	16.3	62.4	40.3	26.4	35.8	MAX
MIN	4.30	3.40	4.50	5.60	3.88	5.41	6.15	6.02	6.80	7.87	8.72	6.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.6
MAXIMUM DAILY, 164 ON FEB 24
MINIMUM DAILY, 3.40B ON FEB 10
MAXIMUM INSTANTANEOUS,
224 AT 22:00 EST ON FEB 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 35 06 N
LONG 80 28 54 W
DRAINAGE AREA, 1 170 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	22 700	JUL	21 900
FEB	78 300	AUG	23 700
MAR	34 800	SEP	61 500
APR	35 200	OCT	55 100
MAY	19 700	NOV	39 200
JUN	19 300	DEC	50 000

TOTAL DISCHARGE, 461 000 dam³

GRAND RIVER BELOW SHAND DAM - STATION NO. 02GA016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.2	3.11	24.3	48.5	3.53	4.69	6.05	4.24	7.31	5.88	21.5	13.3	1
2	11.0	3.06	21.5	48.0	3.49	5.02	6.02	5.19	7.40	5.90	21.4	23.6	2
3	10.9	3.04	10.4	32.8	3.53	4.58	6.02	5.36	7.52	5.87	21.0	23.4	3
4	10.9	2.63B	7.57	16.6	3.57	4.67	6.02	5.32	14.4	5.87	20.6	23.3	4
5	10.8	2.40B	7.87	12.1	3.52	4.65	6.03	5.26	27.4	5.82	20.4	23.0	5
6	10.6	2.32	8.07	11.1	3.43	5.03	6.04	5.26	27.9	6.04	14.5	22.9	6
7	10.4	2.27	5.96	5.70	3.47	5.33	6.02	5.24	27.8	6.03	7.78	22.7	7
8	10.2	2.27	5.43	3.79	3.48	5.61	6.04	4.96	33.8	6.03	7.71	22.3	8
9	10.1	2.23	5.58	3.76	3.41	6.50	6.04	4.75	41.8	7.85	7.66	22.0	9
10	9.97	2.14B	5.91	3.69	3.39	6.24	6.04	4.63	43.3	11.6	7.64	21.8	10
11	9.93	2.17B	6.34	3.69	3.45	6.15	6.04	4.57	36.7	11.9	7.57	21.3	11
12	9.78	2.33B	6.33	3.66	3.54	6.11	6.06	4.59	26.0	12.0	7.45	20.8	12
13	9.42	3.00B	6.26	3.65	9.88	6.15	6.07	4.67	25.7	11.8	7.41	20.5	13
14	9.23	3.31	6.00	3.76	12.1	6.26	6.06	4.71	25.4	11.9	7.34	20.2	14
15	8.95	3.37	5.14	3.70	9.42	6.26	6.04	4.69	24.9	11.9	7.24	19.7	15
16	8.70	3.87	5.12	3.78	12.7	6.26	5.98	4.55	24.6	11.8	7.28	19.3	16
17	8.52	6.13	4.55	3.78	10.8	6.24	5.98	4.60	22.0	11.9	7.26	18.7	17
18	8.20	15.5	4.11	4.37	6.45	6.22	5.98	4.60	20.8	12.1	7.27	18.3	18
19	7.82	32.6	4.11	3.73	4.62	6.22	5.98	4.63	20.7	11.9	7.27	17.9	19
20	7.49	30.2	3.25	3.77	4.07	6.24	5.95	4.56	20.5	12.1	7.57	17.4	20
21	7.22	4.05	2.68	3.79	3.34	6.27	5.87	4.58	20.0	19.1	7.78	17.0	21
22	6.67	4.33	2.71	3.81	3.01	6.29	5.83	4.56	19.7	22.4	7.80	13.1	22
23	4.57	36.5	2.73	3.58	3.02	6.22	5.79	4.57	10.8	22.7	7.86	5.48	23
24	3.27	102	2.73	3.56	4.93	6.27	5.74	5.02	6.04	22.6	7.79	5.86	24
25	3.28	101	2.69	3.55	3.00	6.26	5.73	6.30	5.90	22.3	7.82	5.76	25
26	3.46	63.7	3.66	3.56	3.02	6.23	5.73	6.68	5.90	22.3	7.90	5.75	26
27	3.49	24.4	4.45	3.56	3.50	6.20	5.76	6.46	5.98	22.2	8.17	5.70	27
28	3.45	24.4	4.38	3.56	4.24	6.17	5.77	6.42	5.92	22.4	8.60	5.75	28
29	3.41		4.45	3.55	4.27	6.13	4.60	6.53	5.90	22.4	8.73	5.69	29
30	3.35		10.7	3.58	4.32	6.06	3.83	6.67	5.82	22.0	8.76	5.59	30
31	3.18		38.9		4.31		3.83	6.99		21.8		5.51	31
TOTAL	239.46	488.33	233.88	260.03	152.01	176.53	178.94	161.16	577.89	428.39	305.06	493.59	TOTAL
MEAN	7.72	17.4	7.54	8.67	4.90	5.88	5.77	5.20	19.3	13.8	10.2	15.9	MEAN
MAX	11.2	102	38.9	48.5	12.7	6.50	6.07	6.99	43.3	22.7	21.5	23.6	MAX
MIN	3.18	2.14	2.68	3.55	3.00	4.58	3.83	4.24	5.82	5.82	7.24	5.48	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.1
MAXIMUM DAILY, 102 ON FEB 24
MINIMUM DAILY, 2.14B ON FEB 10
MAXIMUM INSTANTANEOUS,
102 AT 02:59 EST ON FEB 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 43 53 N
LONG 80 20 36 W
DRAINAGE AREA, 800 km²

B - ICE CONDITIONS

REGULATED SINCE 1942

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 700	JUL	15 500
FEB	42 200	AUG	13 900
MAR	20 200	SEP	49 900
APR	22 500	OCT	37 000
MAY	13 100	NOV	26 400
JUN	15 300	DEC	42 600

TOTAL DISCHARGE, 319 000 dam³

GRAND RIVER NEAR MARSVILLE - STATION NO. 02GA014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.05B	1.66B	21.3	30.8	2.15	1.09	0.634	1.38	24.0	4.93	7.51	9.58	1
2	1.95B	1.50B	14.1	18.5	1.83	0.899	0.619	1.27	36.4	6.70	6.65	16.3	2
3	1.87B	1.42B	9.54	12.1	1.61	0.870	0.592	1.28	21.2	7.39	5.94	17.8	3
4	1.81B	1.34B	7.90B	10.7	1.39	1.76	0.864	1.28	85.9	6.91	5.38	12.5	4
5	1.76B	1.28B	6.60B	10.1	1.33	1.84	4.81	1.34	81.8	6.04	4.95	9.44	5
6	1.72B	1.24B	5.80B	7.51	1.40	1.46	6.96	1.31	36.9	16.5	4.74	7.32	6
7	1.68B	1.22B	5.50B	5.77	1.21	1.14	3.75	1.17	18.9	33.3	4.60	6.26	7
8	1.64B	1.18B	5.29	4.67	1.08	0.895	2.17	3.52	12.4	28.5	4.48	5.70B	8
9	1.61B	1.16B	5.17	4.26	0.979	0.831	1.40	6.66	9.59	18.7	4.39	5.20B	9
10	1.58B	1.14B	5.35	3.80	1.65	0.933	0.974	4.51	7.79	12.0	4.09	4.70B	10
11	1.56B	3.90B	5.27	3.36	29.5	2.72	0.722	4.21	6.67	8.93	4.10	4.30B	11
12	1.54B	3.70B	4.80B	3.13	33.4	2.66	0.599	2.44	5.71	7.14	3.88	3.50B	12
13	1.51B	3.50B	4.50B	2.87	16.3	1.89	0.510	1.57	3.64	5.98	3.55	2.80B	13
14	1.50B	3.35B	4.25B	8.05	9.57	1.55	0.395	1.82	2.95	5.26	3.27	2.55B	14
15	1.49B	3.25B	4.20B	12.1	8.64	1.38	0.574	4.40	2.75	5.37	3.09	2.30B	15
16	1.44B	5.00B	4.10B	8.08	10.9	1.46	0.930	5.87	2.43	5.80	4.71	2.12B	16
17	1.39B	9.60B	3.90B	6.63	8.15	1.21	0.940	3.99	3.30	5.29	10.5	2.00B	17
18	1.36B	30.0 B	3.80B	6.73	5.38	0.953	0.983	2.87	3.44	11.4	11.8	1.90B	18
19	1.34B	81.0 B	3.70B	5.38	3.82	0.808	0.948	2.31	3.47	20.2	10.1	1.83B	19
20	1.32B	120 B	3.65B	4.31	2.93	0.733	0.910	1.97	3.30	16.7	21.0	1.80B	20
21	1.32B	110 B	3.60B	3.43	2.29	0.764	0.835	1.78	3.25	12.5	23.7	1.75B	21
22	1.32B	102	3.50B	2.91	1.87	2.29	1.26	1.55	4.11	11.8	15.8	1.90B	22
23	1.32B	163	3.05	2.78	1.64	6.73	1.29	1.40	4.20	14.6	11.4	2.20B	23
24	1.31B	121	4.40	3.03	1.43	4.46	1.26	0.775	3.86	19.8	9.28	2.10B	24
25	1.29B	49.5	6.15	3.12	1.27	3.00	1.21	0.427	3.49	16.5	7.78	1.99B	25
26	1.43B	29.3	8.15	2.80	1.16	2.01	1.20	0.405	3.59	15.5	6.72	1.92B	26
27	1.51B	20.9	9.15	2.46	1.09	1.45	1.19	1.12	8.34	15.1	55.1	1.87B	27
28	1.40B	22.0	10.5	2.31	1.10	1.10	1.59	2.26	8.67	18.9	53.1	1.85B	28
29	1.32B		12.5	2.49	1.06	0.907	1.92	37.4	6.65	14.8	23.2	1.82B	29
30	1.28B		31.1	2.50	1.12	0.737	1.70	70.2	5.31	10.8	13.3	1.78B	30
31	1.24B		53.6		1.12		1.50	33.9		8.71		1.72B	31
TOTAL	46.86	894.14	274.42	196.68	158.369	50.530	45.229	206.387	424.01	392.05	348.11	140.80	TOTAL
MEAN	1.51	31.9	8.85	6.56	5.11	1.68	1.46	6.66	14.1	12.6	11.6	4.54	MEAN
MAX	2.05	163	53.6	30.8	33.4	6.73	6.96	70.2	85.9	33.3	55.1	17.8	MAX
MIN	1.24	1.14	3.05	2.31	0.979	0.733	0.395	0.405	2.43	4.93	3.09	1.72	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.71
MAXIMUM DAILY, 163 ON FEB 23
MINIMUM DAILY, 0.395 ON JUL 14
MAXIMUM INSTANTANEOUS,
200 AT 17:45 EST ON FEB 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 51 43 N
LONG 80 16 22 W
DRAINAGE AREA, 694 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 350	JUL	3 910
FEB	77 300	AUG	17 800
MAR	23 700	SEP	36 600
APR	17 000	OCT	33 900
MAY	13 700	NOV	30 100
JUN	4 370	DEC	12 200

TOTAL DISCHARGE, 275 000 dam³

GRASSY NARROWS LAKE AT GIASSY NARROWS - STATION NO. 05QE015

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	318.130E	318.510	318.417	318.489E	318.792	318.940	---	1
2	---	---	---	---	---	318.137E	318.509	318.406	318.492E	318.803	318.942	---	2
3	---	---	---	---	---	318.146E	318.529	318.384	318.490A	318.808	318.931	---	3
4	---	---	---	---	---	318.155E	318.535	318.371	318.476E	318.822	318.934	---	4
5	---	---	---	---	---	318.164E	318.537	318.372	318.464E	318.846	318.940	---	5
6	---	---	---	---	---	318.176E	318.549	318.394	---	318.868	---	---	6
7	---	---	---	---	---	318.190E	318.541	318.401	---	318.869	---	---	7
8	---	---	---	---	---	318.200E	318.538	318.397	---	318.862	---	---	8
9	---	---	---	---	---	318.228A	318.549	318.400A	318.595E	318.856	---	---	9
10	---	---	---	---	---	318.224	318.547	318.392E	318.618E	318.880	---	---	10
11	---	---	---	---	---	318.241	318.541	318.375E	318.634E	318.879	---	---	11
12	---	---	---	---	---	318.255	318.543	318.379E	318.648E	318.883	---	---	12
13	---	---	---	---	---	318.261	318.549	318.390E	318.660E	318.893	---	---	13
14	---	---	---	---	---	318.272	318.542	318.370E	318.668E	318.911	---	---	14
15	---	---	---	---	---	318.300	318.526	318.377E	318.677E	318.905	---	---	15
16	---	---	---	---	---	318.337	318.522	318.387E	318.686E	318.908	---	---	16
17	---	---	---	---	---	318.360	318.535	318.394E	318.691E	318.920	---	---	17
18	---	---	---	---	---	318.395	318.537	318.400E	318.697E	318.937	---	---	18
19	---	---	---	---	---	318.444	318.527	318.410E	318.696E	318.937	---	---	19
20	---	---	---	---	---	318.450	318.512	318.418E	318.700E	318.933	---	---	20
21	---	---	---	---	---	318.453	318.504	318.425E	318.699E	318.930	---	---	21
22	---	---	---	---	---	318.455	318.469	318.420E	318.698E	318.931	---	---	22
23	---	---	---	---	---	318.450	318.470	318.426E	318.695E	318.936	---	---	23
24	---	---	---	---	---	318.448	318.456	318.430E	318.694A	318.926	---	---	24
25	---	---	---	---	---	318.462	318.469	318.435E	318.696	318.935	---	---	25
26	---	---	---	---	---	318.477	318.468	318.440E	318.703	318.931	---	---	26
27	---	---	---	---	---	318.489	318.454	318.446E	318.746	318.943	---	---	27
28	---	---	---	---	---	318.511	318.448	318.450E	318.757	318.938	---	---	28
29	---		---	---	---	318.517	318.436	318.458E	318.752	318.936	---	---	29
30	---		---	---	---	318.520	318.427	318.470E	318.757	318.937	---	---	30
31	---		---		---		318.421	318.480E		318.942		---	31
MEAN	---	---	---	---	---	318.328	318.506	318.410	---	318.897	---	---	MEAN
MAX	---	---	---	---	---	318.520	318.549	318.480	---	318.943	---	---	MAX
MIN	---	---	---	---	---	318.130	318.421	318.370	---	318.792	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 40 N
LONG 94 01 00 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

GRAVEL RIVER NEAR CAVIRS - STATION NO. 02AE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.49B	1.02 B	1.75B	2.65B	17.3	8.64	18.2	1.50	0.899	1.06	6.12	4.58	1
2	1.48B	1.0. B	1.74B	2.95B	16.5	8.57	15.8	1.42	0.984	1.05	6.39	4.46	2
3	1.46B	1.00 B	1.73B	3.30B	18.0	9.71	14.1	1.35	1.02	1.02	6.25	4.21	3
4	1.43B	0.995B	1.72B	3.80B	19.8	9.94	12.7	1.26	0.982	1.03	5.99	3.37	4
5	1.42B	0.985B	1.70B	4.35B	21.0	9.84	11.4	1.16	0.967	1.05	5.70	3.38B	5
6	1.40B	0.982B	1.69B	5.30B	20.6	9.43	10.3	1.09	0.923	1.16	5.41	3.24B	6
7	1.37B	0.970B	1.68B	6.80B	19.2	9.00	9.37	1.07	1.02	1.32	5.11	3.10B	7
8	1.36B	0.965B	1.67B	8.26	18.2	9.60	8.51	1.04	1.07	1.43	4.80	2.99B	8
9	1.34B	0.955B	1.66B	9.48	17.9	11.0	7.83	1.19	1.05	1.43	4.55	2.91B	9
10	1.32B	0.945B	1.65B	10.8	17.4	11.9	7.11	1.52	1.03	1.38	3.81	2.81B	10
11	1.30B	0.935B	1.65B	12.1	16.5	11.7	6.46	1.55	0.994	1.34	4.94	2.73B	11
12	1.28B	0.930B	1.64B	10.7	15.7	10.9	5.95	1.44	0.981	1.28	5.13	2.64B	12
13	1.27B	0.925B	1.63B	10.5	15.1	10.3	5.51	1.32	0.977	1.29	4.89	2.57B	13
14	1.25B	0.925B	1.62B	12.0	14.6	12.8	5.01	1.25	0.956	2.20	4.57	2.50B	14
15	1.24B	0.930B	1.61B	11.9	14.0	14.2	4.61	1.15	0.928	3.66	4.51	2.43B	15
16	1.23B	0.945B	1.60B	11.7	13.2	16.7	4.21	1.10	0.901	4.31	4.90	2.38B	16
17	1.21B	0.975B	1.60B	12.7	12.5	15.6	3.90	1.04	0.876	4.29	5.75	2.32B	17
18	1.19B	1.02 B	1.59B	14.1	11.6	14.2	3.60	1.00	0.847	6.62	6.37	2.25B	18
19	1.17B	1.12 B	1.58B	14.4	10.9	12.8	3.28	0.974	0.835	8.33	6.40	2.21B	19
20	1.17B	1.20 B	1.59B	13.4	10.3	11.8	3.00	0.918	0.815	8.00	5.80	2.17B	20
21	1.15B	1.31 B	1.60B	12.4	9.77	11.5	2.82	0.889	0.803	7.25	5.35	2.10B	21
22	1.14B	1.41 B	1.62B	11.5	9.26	10.6	2.61	0.871	0.773	6.57	5.33B	2.03B	22
23	1.13B	1.52 B	1.64B	11.1	8.87	10.0	2.39	0.862	0.763	6.04	5.34B	2.01B	23
24	1.11B	1.65 B	1.67B	10.8	8.84	9.82	2.39	0.821	0.768	5.56	5.30B	1.98B	24
25	1.00B	1.72 B	1.70B	10.6	9.36	10.3	2.53	0.781	0.762	5.74	5.25B	1.93B	25
26	1.09B	1.76 B	1.75B	10.8	9.91	10.5	2.19	0.761	0.820	5.26	5.11B	1.89B	26
27	1.08B	1.78 B	1.82B	11.2	10.1	9.83	2.01	0.741	0.939	4.95	4.99B	1.85B	27
28	1.07B	1.77 B	1.90B	12.9	9.89	12.4	1.86	0.720	1.06	4.70	4.83B	1.83B	28
29	1.06B		2.00B	15.4	9.74	19.3	1.75	0.704	1.08	4.58	4.74	1.78B	29
30	1.04B		2.22B	17.2	9.48	20.1	1.65	0.701	1.06	4.61	4.79	1.85B	30
31	1.03B		2.38B		9.06		1.57	0.687		5.26		1.73B	31
TOTAL	38.28	32.652	53.40	305.09	424.58	351.38	184.62	32.880	27.883	113.77	158.42	80.23	TOTAL
MEAN	1.23	1.17	1.72	10.2	13.7	11.7	5.96	1.06	0.929	3.67	5.28	2.59	MEAN
MAX	1.49	1.78	2.38	17.2	21.0	20.1	18.2	1.55	1.08	8.33	6.40	4.58	MAX
MIN	1.00	0.925	1.58	2.65	8.84	8.37	1.57	0.687	0.762	1.02	3.81	1.73	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.94
MAXIMUM DAILY, 21.0 ON MAY 5
MINIMUM DAILY, 0.687 ON AUG 31
MAXIMUM INSTANTANEOUS,
21.3 AT 18:09 EST ON MAY 5

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 55 34 N
LONG 87 41 27 W
DRAINAGE AREA, 616 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 310	JUL	16 000
FEB	2 820	AUG	2 840
MAR	4 610	SEP	2 410
APR	26 400	OCT	9 830
MAY	36 700	NOV	13 700
JUN	30 400	DEC	6 930

TOTAL DISCHARGE, 156 000 dam³

GREENWATER CREEK AT OUTLET OF GREENWATER LAKE - STATION NO. 02AB012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	1.56	1.34E	---	---	---	---	1.44E	---	---	0.200E	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	3.40E	---	---	---	---	---	---	---	3
4	0.750E	---	---	---	---	---	---	---	---	1.96 E	---	---	4
5	---	---	---	1.10E	---	---	1.10E	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	2.47E	---	---	0.200E	6
7	---	---	---	---	---	2.90E	---	---	---	---	---	---	7
8	---	1.56E	1.50E	---	---	---	---	1.16E	---	---	0.200E	---	8
9	---	---	---	---	3.50E	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	2.12 E	---	---	10
11	0.920E	---	---	2.92	---	---	1.10E	---	2.29E	---	---	0.200E	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	2.90E	1.16	2.38	---	0.550	0.200E	---	13
14	---	---	---	---	---	---	---	4.16E	---	---	---	---	14
15	---	1.50E	1.28E	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	0	---	---	16
17	---	---	---	---	3.30E	---	---	---	---	0	---	---	17
18	1.10 E	---	---	---	---	---	---	---	---	0	---	---	18
19	---	---	---	3.08E	---	---	---	---	2.12E	0	---	0.200E	19
20	---	---	---	---	---	---	---	---	---	0	---	---	20
21	---	---	---	---	---	3.00E	---	---	---	0	0.200E	---	21
22	---	1.40E	1.22E	---	---	---	---	---	---	0	---	---	22
23	---	---	---	---	---	---	---	3.16E	---	0.200E	---	---	23
24	---	---	---	---	3.01E	---	---	---	---	0.200E	---	---	24
25	1.34 E	---	---	---	---	---	---	---	---	0.200E	---	---	25
26	---	---	---	3.20E	---	---	1.22E	---	2.04E	0.200E	---	0 E	26
27	---	---	---	---	---	3.00E	---	---	---	0.200E	---	---	27
28	---	---	---	---	---	---	---	---	---	0.200E	0.200E	---	28
29	---	---	1.10E	---	---	2.27	---	2.30E	---	0.200E	---	---	29
30	---	---	---	---	2.92E	---	---	---	---	0.200E	---	---	30
31	---	---	---	---	---	---	---	---	---	---	---	---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 36 28 N
LONG 90 27 21 W
DRAINAGE AREA, 174 km²

E - ESTIMATED
REGULATED SINCE 1953

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

DATA CONTRIBUTED BY -
ONTARIO HYDRO

GRINDSTONE CREEK NEAR ALDERSHOT - STATION NO. 02NB012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.210B	0.105B	1.54	0.635	0.724	0.273	0.113	0.122	0.246	0.294	0.848	0.799	1
2	0.170B	0.130B	1.33	0.548	0.637	0.236	0.113	0.107	0.424	0.270	0.780	1.06	2
3	0.130B	0.120B	1.06	0.494	0.547	0.273	0.101	0.113	0.539	0.233	0.708	0.983	3
4	0.095B	0.105B	0.950B	0.473	0.451	0.248	0.111	0.127	2.45	0.207	0.675	0.819	4
5	0.065B	0.099B	0.816	0.464	0.328	0.182	0.164	0.206	1.77	0.196	0.630	0.732	5
6	0.070B	0.100B	0.756	0.406	0.414	0.129	0.134	0.226	0.998	0.438	0.608	0.653	6
7	0.065B	0.102B	0.756	0.385	0.400	0.131	0.114	0.205	0.617	0.458	0.572	0.632	7
8	0.062B	0.100B	0.745	0.357	0.376	0.148	0.096	0.241	0.541	0.356	0.529	0.667	8
9	0.061B	0.095B	0.697	0.343	0.384	0.150	0.092	0.178	0.390	0.292	0.510	0.600B	9
10	0.060B	0.130B	0.685	0.320	0.392	0.136	0.081	0.151	0.330	0.249	0.465	0.560B	10
11	0.058B	1.50 B	0.664	0.337	0.825	0.127	0.072	0.243	0.282	0.229	0.460	0.500B	11
12	0.054B	1.49 B	0.622	0.321	0.989	0.125	0.070	0.234	0.244	0.210	0.422	0.450B	12
13	0.059B	1.44 B	0.606	0.308	0.757	0.134	0.070	0.175	0.219	0.195	0.402	0.392	13
14	0.062B	1.40 B	0.550B	0.830	0.563	0.238	0.070	0.135	0.229	0.185	0.387	0.382	14
15	0.075B	1.34 B	0.511	0.790	0.548	0.202	0.062	0.222	0.199	0.182	0.374	0.398	15
16	0.080B	8.00 B	0.480B	0.608	0.579	0.229	0.055	0.191	0.179	0.174	0.458	0.393	16
17	0.080B	11.5 B	0.460B	0.643	0.531	0.179	0.056	0.157	0.185	0.160	0.527	0.382B	17
18	0.080B	9.00 B	0.430B	0.630	0.474	0.188	0.068	0.128	0.182	0.633	0.544	0.372B	18
19	0.085B	5.60 B	0.410B	0.569	0.417	0.105	0.151	0.113	0.175	0.650	0.501	0.362B	19
20	0.090B	5.40 B	0.430B	0.513	0.384	0.125	0.289	0.103	0.161	0.488	1.89	0.355B	20
21	0.088B	4.47	0.420B	0.451	0.358	0.200	0.248	0.133	0.221	0.490	2.55	0.348B	21
22	0.084B	3.24	0.408	0.438	0.337	0.495	0.172	0.078	0.326	1.08	1.53	0.400B	22
23	0.095B	2.92	0.489	0.608	0.336	0.276	0.150	0.082	0.266	2.26	1.08	0.440B	23
24	0.102B	2.73	0.474	0.870	0.338	0.214	0.116	0.092	0.231	1.36	0.915	0.430B	24
25	0.115B	2.22	0.468	0.804	0.351	0.169	0.099	0.086	0.217	0.906	0.787	0.415B	25
26	0.135B	1.65	0.483	0.674	0.332	0.140	0.188	0.085	0.221	0.803	0.768	0.405B	26
27	0.130B	1.48	0.540	0.588	0.325	0.134	0.103	0.087	0.213	1.95	1.04	0.410B	27
28	0.105B	1.70	0.528	0.728	0.546	0.123	0.392	0.119	0.183	2.18	0.953	0.430B	28
29	0.102B		0.500	0.855	0.419	0.116	0.303	0.108	0.160	1.50	0.814	0.420B	29
30	0.095B		0.637	0.848	0.345	0.110	0.215	1.15	0.163	1.13	0.754	0.420B	30
31	0.090B		0.697		0.314		0.145	0.423		0.990		0.425B	31
TOTAL	2.852	68.166	20.152	16.838	14.681	5.536	4.165	5.820	12.561	20.748	23.481	16.034	TOTAL
MEAN	0.092	2.43	0.650	0.561	0.474	0.185	0.134	0.188	0.419	0.669	0.783	0.517	MEAN
MAX	0.210	11.5	1.54	0.870	0.989	0.495	0.392	1.15	2.45	2.26	2.55	1.06	MAX
MIN	0.054	0.095	0.408	0.308	0.314	0.105	0.055	0.078	0.160	0.160	0.374	0.348	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.578
MAXIMUM DAILY, 11.5B ON FEB 17
MINIMUM DAILY, 0.054B ON JAN 12

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 18 03 N
LONG 79 52 10 W
DRAINAGE AREA, 82.6 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	246	JUL	360
FEB	5 890	AUG	503
MAR	1 740	SEP	1 090
APR	1 450	OCT	1 790
MAY	1 270	NOV	2 030
JUN	478	DEC	1 390

TOTAL DISCHARGE, 18 200 dam³

GROUNDHOG RIVER AT FAUQUIER - STATION NO. 04LD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	41.0B	47.5B	68.0B	100B	504	232	145	28.5	29.9	19.7	82.5	56.0B	1
2	41.0B	48.0B	67.0B	116B	466	219	143	28.3	35.0	19.0	86.5	55.5B	2
3	41.0B	48.8B	65.0B	180B	441	210	132	28.1	36.1	18.5	91.7	55.0B	3
4	40.5B	51.0B	63.0B	215B	454	202	123	28.5	33.8	18.1	93.4	54.5B	4
5	40.2B	52.0B	62.0B	250B	643	189	119	28.9	30.8	18.4	93.7	54.5B	5
6	40.0B	54.0B	60.0B	280B	866	179	120	29.0	27.6	19.2	101	54.0B	6
7	40.0B	55.0B	58.5B	310B	843	171	117	28.9	25.0	24.7	120	53.5B	7
8	40.0B	56.0B	57.5B	335B	777	167	109	28.4	23.7	41.4	126	53.0B	8
9	40.0B	57.0B	56.5B	360B	729	176	102	27.9	24.5	67.9	121	52.0B	9
10	41.5B	57.0B	55.5B	380B	676	185	94.3	27.4	27.0	76.4	116	51.5B	10
11	45.0B	57.0B	54.5B	400B	614	190	87.1	26.9	29.2	76.0	108 B	51.0B	11
12	49.0B	56.5B	54.0B	410B	558	194	81.9	25.9	32.6	75.2	102 B	50.0B	12
13	50.5B	56.5B	54.0B	420B	543	197	78.4	25.7	38.4	73.5	96.0B	49.0B	13
14	51.0B	56.5B	54.0B	435B	600	198	76.4	25.8	43.7	71.2	90.0B	48.5B	14
15	52.0B	56.0B	54.0B	440B	597	194	77.0	25.4	43.4	68.2	85.0B	47.5B	15
16	52.0B	56.0B	54.5B	445B	559	192	76.4	24.4	40.4	65.5	80.0B	46.5B	16
17	52.0B	55.5B	55.0B	455B	510	186	74.5	24.3	36.9	63.6	76.0B	45.5B	17
18	52.0B	55.5B	55.5B	457B	458	177	70.8	24.3	33.8	63.4	72.5B	44.5B	18
19	52.0B	56.0B	56.0B	457B	417	168	66.9	25.6	32.0	68.6	70.5B	44.0B	19
20	52.0B	57.5B	57.0B	455B	385	162	62.2	27.4	30.6	77.6	68.0B	43.0B	20
21	52.0B	60.0B	58.0B	450B	362	157	55.3	28.7	29.2	81.8	66.0B	42.5B	21
22	52.0B	63.0B	59.0B	450B	337	153	47.3	28.7	28.4	82.3	64.0B	42.0B	22
23	51.0B	65.0B	60.0B	444	310	148	40.3	28.4	26.7	80.3	62.0B	41.0B	23
24	50.5B	67.0B	62.0B	440	286	142	36.3	28.5	24.8	77.8	61.0B	40.5B	24
25	50.0B	68.0B	63.5B	435	265	135	34.1	28.7	23.7	74.6	59.5B	40.0B	25
26	49.5B	69.0B	66.0B	427	262	132	32.9	28.6	22.5	74.3	59.0B	39.5B	26
27	49.0B	69.5B	70.0B	407	287	131	31.7	28.5	21.5	76.9	58.0B	39.0B	27
28	48.5B	70.0B	74.0B	493	292	128	30.7	28.3	20.4	81.5	57.5B	38.7B	28
29	48.0B		78.0B	520	277	128	29.9	28.3	19.9	84.5	57.0B	38.4B	29
30	48.0B		83.0B	525	261	136	29.2	28.3	19.7	85.0	56.5B	38.0B	30
31	48.0B		88.0B		247		28.8	28.1		82.8		37.8B	31
TOTAL	1 459.2	1 620.8	1 923.0	11 531	14 826	5 178	2 352.4	852.7	891.2	1 907.9	2 480.3	1 446.4	TOTAL
MEAN	47.1	57.9	62.0	384	478	173	75.9	27.5	29.7	61.5	82.7	46.7	MEAN
MAX	52.0	70.0	88.0	525	866	232	145	29.0	43.7	85.0	126	56.0	MAX
MIN	40.0	47.5	54.0	100	247	128	28.8	24.3	19.7	18.1	56.5	37.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 127
MAXIMUM DAILY, 866 ON MAY 6
MINIMUM DAILY, 18.1 ON OCT 4
MAXIMUM INSTANTANEOUS,
877 AT 15:40 EST ON MAY 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 19 07 N
LONG 82 02 25 W
DRAINAGE AREA, 11 900 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	126 000	JUL	203 000
FEB	140 000	AUG	73 700
MAR	166 000	SEP	77 000
APR	996 000	OCT	165 000
MAY	1 280 000	NOV	214 000
JUN	447 000	DEC	125 000

TOTAL DISCHARGE, 4 010 000 dam³

GULL RIVER AT NORLAND - STATION NO. 02HF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.2	14.1	46.0	26.7	23.4	18.4	13.8	17.5	13.3	25.1	28.5	17.3	1
2	20.9	14.2	41.1	30.9	23.5	15.7	13.8	17.6	12.5	24.9	28.2	17.4	2
3	20.3	13.7	36.4	31.9	23.5	13.5	13.8	17.6	12.5	24.7	27.6	17.4	3
4	19.4	13.4	34.7	32.5	24.0	14.1	13.7	17.6	12.9	24.5	27.3	17.5	4
5	20.2	13.4	32.5	33.4	24.5	14.3	13.6	18.2	13.6	24.5	26.1	17.4	5
6	20.1	13.3	28.5	34.6	25.0	14.5	13.7	18.3	14.1	25.2	25.1	17.4	6
7	19.5	13.1	18.0	38.9	20.2	14.4	13.6	18.2	14.6	26.1	24.1	17.2	7
8	19.1	12.7	[illegible]	42.9	15.8	14.3	13.4	18.2	15.5	26.5A	22.9	17.2	8
9	18.7	10.9	9	42.8	15.2	14.7	13.5	18.2	16.0	27.2A	22.3	17.0	9
10	18.4	10.9	14.7	42.1	14.9	14.6	14.6	18.3	16.3	27.2A	21.5	16.8	10
11	18.2	12.3	14.8	42.1	15.1	16.5	15.2	16.6	18.3	27.2A	21.2	16.5	11
12	17.9	12.7	13.1	41.4	17.7	17.8	14.8	14.1	20.1	27.8A	20.6	15.9	12
13	17.6	13.1	11.6	35.8	26.1	17.9	14.6	13.9	20.3	27.8A	19.9	15.4	13
14	16.9	13.2	11.4	30.0	33.6	17.9	17.4	13.8	22.6	27.8A	18.7	15.3	14
15	16.4	13.2	11.3	26.5	35.9	18.0	19.2	14.1	25.0	27.2A	17.7	15.2	15
16	16.0	13.4	11.3	26.3	36.1	18.5	18.6	14.5	26.7	27.2A	16.1	14.4	16
17	15.6	13.9	11.4	28.0	36.8	18.6	19.9	14.4	26.4	27.0E	14.2	13.7	17
18	15.3	14.1	11.6	32.5	37.2	18.6	21.9	14.3	25.1	26.8E	13.8	13.5	18
19	15.2	14.9	11.5	35.7	37.9	18.6	22.5	14.2	23.9	26.6A	13.6	13.1	19
20	15.2	17.0	11.2	35.8	39.9	18.3	22.2	14.1	23.4	26.0A	13.9	12.6	20
21	15.0	19.6	11.0	32.2	40.1	18.1	19.6	13.8	23.1	25.7A	14.8	12.3	21
22	14.9	23.1	10.7	28.9	37.1	18.6	17.1	12.9	23.6	24.5	15.0	12.2	22
23	14.9	30.0	10.7	29.1	34.4	20.7	16.7	12.7	26.0	22.4	14.9	12.2	23
24	15.0	45.4	10.7	27.3	33.3	20.7	15.8	12.5	27.6	22.3	15.2	12.5	24
25	15.1	54.0	10.7	24.3	28.2	20.6	15.5	15.0	26.9	22.9	15.3	13.1	25
26	15.2	53.1	10.7	23.7	20.4	20.0	15.9	17.3	26.1	23.2	15.5	13.6	26
27	15.2	50.6	10.7	20.4	17.9	18.8	16.2	17.2	25.7	25.2	16.3	14.0	27
28	15.1	48.3	10.8	21.3	18.3	17.8	16.8	16.8	25.6	28.4	16.8	14.3	28
29	14.9		10.9	23.7	18.3	15.7	16.9	16.3	25.5	28.5	16.7	14.5	29
30	14.5		12.0	23.5	18.5	14.1	16.7	15.7	25.2	28.6	16.9	14.6	30
31	14.2		17.7		18.4		17.0	14.8		28.5		14.6	31
TOTAL	526.1	591.6	526.4	945.2	811.2	514.3	508.0	488.7	628.4	807.5	580.7	466.1	TOTAL
MEAN	17.0	21.1	17.0	31.5	26.2	17.1	16.4	15.8	20.8	26.0	19.4	15.0	MEAN
MAX	21.2	54.0	46.0	42.9	40.1	20.7	22.5	18.3	27.6	28.6	28.5	17.5	MAX
MIN	14.2	10.9	10.7	20.4	14.9	13.5	13.4	12.5	12.5	22.3	13.6	12.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.3
MAXIMUM DAILY, 54.0 ON FEB 25
MINIMUM DAILY, 10.7 ON MAR 22
MAXIMUM INSTANTANEOUS,
54.7 AT 15:41 EST ON FEB 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 43 55 N
LONG 78 49 08 W
DRAINAGE AREA, 1 280 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	45 500	JUL	43 900
FEB	51 100	AUG	42 200
MAR	45 500	SEP	54 300
APR	81 700	OCT	69 800
MAY	70 100	NOV	50 200
JUN	44 400	DEC	40 300

TOTAL DISCHARGE, 639 000 dam³

HALFWAY CREEK AT MOOSONEE - STATION NO. 04KA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.126B	0.066B	0.061B	0.077B	3.23	2.03	1.46	0.176	0.105	0.400	0.351	0.105B	1
2	0.122B	0.065B	0.060B	0.086B	3.25	1.91	1.34	0.157	0.134	0.370	0.373	0.100B	2
3	0.119B	0.064B	0.060B	0.100B	3.18	1.76	1.14	0.146	0.160	0.314	0.380	0.096B	3
4	0.117B	0.064B	0.059B	0.150B	3.40	1.64	0.963	0.130	0.152	0.297	0.345	0.092B	4
5	0.112B	0.063B	0.058B	0.265B	3.66	1.52	0.847	0.122	0.151	0.259	0.400	0.089B	5
6	0.110E	0.062B	0.058B	0.324	4.15	1.67	0.944	0.110	0.132	0.246	0.371	0.085B	6
7	0.108E	0.061B	0.057B	0.338	4.35	1.88	0.829	0.118	0.120	0.318	0.292	0.081B	7
8	0.107A	0.060B	0.057B	0.342	4.54	2.11	0.717	0.105	0.140	0.373	0.245B	0.078B	8
9	0.105E	0.060B	0.057B	0.453	4.03	2.55	0.593	0.112	0.181	0.383	0.215B	0.075B	9
10	0.102E	0.059B	0.056B	0.653	3.48	2.71	0.496	0.101	0.189	0.345	0.198B	0.071B	10
11	0.100E	0.058B	0.056B	0.792	3.75	3.01	0.417	0.103	0.170	0.304	0.187B	0.069B	11
12	0.097E	0.058B	0.056B	1.02	3.80	2.97	0.433	0.124	0.242	0.281	0.178B	0.066B	12
13	0.095E	0.058B	0.055B	1.28	3.86	2.60	0.873	0.130	0.272	0.245	0.172	0.064B	13
14	0.094A	0.059B	0.055B	1.43	3.89	2.34	1.04	0.120	0.275	0.240	0.172	0.063B	14
15	0.093B	0.060B	0.055B	1.56	3.88	2.15	1.04	0.127	0.273	0.331	0.186	0.061B	15
16	0.089B	0.060B	0.054B	1.77	3.75	2.36	0.833	0.121	0.257	0.389	0.198B	0.059B	16
17	0.095B	0.060B	0.054B	1.75	3.41	2.79	0.719	0.116	0.254	0.403	0.213B	0.058B	17
18	0.099B	0.063B	0.054B	1.63	3.15	2.55	0.605	0.127	0.314	0.483	0.215B	0.057B	18
19	0.081B	0.062B	0.054B	1.47	3.01	2.55	0.482	0.131	0.436	0.803	0.210B	0.056B	19
20	0.075B	0.062B	0.054B	1.30	2.95	2.45	0.430	0.126	0.492	1.01	0.200B	0.055B	20
21	0.075B	0.062B	0.054B	1.10	2.96	2.17	0.447	0.121	0.505	0.951	0.190B	0.054B	21
22	0.079B	0.061B	0.055B	0.905	3.00	1.93	0.403	0.109	0.488	0.659	0.180B	0.052B	22
23	0.079B	0.060B	0.056B	0.832	3.05	1.72	0.346	0.115	0.459	0.470B	0.168B	0.051B	23
24	0.075B	0.060B	0.057B	0.747	2.94	1.54	0.303	0.114	0.393	0.430B	0.158B	0.051B	24
25	0.076B	0.060B	0.058B	0.918	2.79	1.35	0.277	0.102	0.332	0.380B	0.148B	0.050B	25
26	0.074B	0.061B	0.058B	1.50	2.57	1.21	0.315	0.097	0.295	0.355B	0.140B	0.049B	26
27	0.064B	0.062B	0.059B	2.30	2.41	1.08	0.317	0.100	0.270	0.335B	0.132B	0.049B	27
28	0.067B	0.062B	0.060B	2.87	2.23	0.962	0.305	0.094	0.404	0.330B	0.126B	0.049B	28
29	0.073B		0.063B	3.38	2.09	1.08	0.201	0.087	0.449	0.330B	0.120B	0.049B	29
30	0.071B		0.066B	3.51	2.09	1.39	0.193	0.099	0.449	0.330B	0.112B	0.049B	30
31	0.063B		0.070B		2.12		0.174	0.108		0.337		0.049B	31
TOTAL	2.842	1.712	1.786	34.852	100.97	59.982	19.482	3.648	8.493	12.701	6.575	2.032	TOTAL
MEAN	0.092	0.061	0.058	1.16	3.26	2.00	0.628	0.118	0.283	0.410	0.219	0.066	MEAN
MAX	0.126	0.066	0.070	3.51	4.54	3.01	1.46	0.176	0.505	1.01	0.400	0.105	MAX
MIN	0.063	0.058	0.054	0.077	2.09	0.962	0.174	0.087	0.105	0.240	0.112	0.049	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.699
MAXIMUM DAILY, 4.54 ON MAY 8
MINIMUM DAILY, 0.049B ON DEC 26
MAXIMUM INSTANTANEOUS,
5.43 AT 15:16 EST ON MAY 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 15 16 N
LONG 80 39 18 W
DRAINAGE AREA, 133 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	246	JUL	1 680
FEB	146	AUG	315
MAR	154	SEP	734
APR	3 010	OCT	1 100
MAY	8 720	NOV	568
JUN	5 180	DEC	176

TOTAL DISCHARGE, 22 000 dam³

HARMONY CREEK AT OSHAWA - STATION NO. 02HD013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.099B	0.120B	0.658	0.397	0.100	0.057	0.251	0.030	0.035	0.155	0.254	0.281	1
2	0.095B	0.165B	0.487	0.289	0.082	0.051	0.034	0.030	0.068	0.063	0.238	0.398	2
3	0.093B	0.150B	1.16	0.224	0.075	0.076	0.033	0.030	1.71	0.048	0.205	0.268	3
4	0.090B	0.120B	0.294	0.227	0.073	0.078	0.034	0.793	5.92	0.050	0.182	0.197	4
5	0.087B	0.105B	0.230B	0.207	0.088	0.036	1.99	0.159	2.23	0.057	0.171	0.158	5
6	0.085B	0.101B	0.225B	0.155	0.111	0.039	0.384	0.036	0.927	0.907	0.391	0.096B	6
7	0.083B	0.100B	0.223B	0.135	0.061	0.036	0.091	0.031	0.672	0.366	0.293	0.105B	7
8	0.082B	0.098B	0.220B	0.120	0.060	0.034	0.045	0.060	0.889	0.225	0.195	0.165B	8
9	0.082B	0.100B	0.220B	0.165	0.063	0.039	0.035	0.033	0.427	0.150	0.159	0.120B	9
10	0.082B	0.110B	0.215B	0.116	0.147	0.114	0.034	0.115	0.232	0.109	0.145E	0.090B	10
11	0.082B	2.00 B	0.210B	0.149	1.02	0.036	0.030	0.218	0.164	0.097	0.130E	0.050B	11
12	0.082B	1.20 B	0.195B	0.125	0.370	0.037	0.028	0.051	0.131	0.078	0.125E	0.045B	12
13	0.082B	1.00 B	0.185B	0.130	0.187	0.037	0.027	0.035	0.099	0.070A	0.116E	0.042B	13
14	0.081B	0.890B	0.170B	1.16	0.186	0.044	0.028	0.030	0.085	0.102E	0.110E	0.040B	14
15	0.081B	0.830B	0.158B	0.335	0.161	0.041	0.028	1.36	0.066	0.102E	0.170E	0.038B	15
16	0.081B	0.880B	0.140B	0.188	0.139	0.433	0.029	0.233	0.047	0.090A	0.280E	0.036B	16
17	0.081B	0.950B	0.105B	0.498	0.091	0.113	0.036	0.069	0.060	0.080E	0.345E	0.035B	17
18	0.081B	0.105B	0.080B	0.302	0.068	0.042	0.036	0.037	0.050	0.565E	0.264E	0.035B	18
19	0.081B	7.55 B	0.075B	0.180	0.056	0.034	0.160	0.033	0.851	0.286A	0.2[illegible]	0.035B	19
20	0.081B	10.0 B	0.070B	0.144	0.051	0.035	0.079	0.030	0.055	0.160E	0.410E	0.035B	20
21	0.081B	6.20 B	0.073B	0.105	0.050	0.110	0.035	0.028	0.171	0.155E	0.555E	0.035B	21
22	0.080B	3.10	0.080B	0.097	0.049	0.528	0.030	0.028	0.195	0.600E	0.310E	0.075B	22
23	0.079B	4.79	0.090B	0.210	0.052	0.095	0.031	0.027	0.070	1.04 E	0.240B	0.230B	23
24	0.075B	2.74	0.141	0.330	0.044	0.045	0.033	0.062	0.051	0.375E	0.263	0.059B	24
25	0.070B	1.60	0.133	0.197	0.068	0.036	0.034	0.030	0.044	0.220E	0.213B	0.050B	25
26	0.082B	0.909	0.105	0.142	0.050	0.034	0.038	0.028	0.110	0.575A	0.328	0.045B	26
27	0.090B	0.602	0.116	0.114	0.126	0.031	0.031	0.028	0.089	1.60 E	1.15	0.040B	27
28	0.080B	0.746	0.122	0.098	0.574	0.032	0.547	0.134	0.044	1.51	0.421	0.038B	28
29	0.075B		0.133	0.222	0.143	0.029	0.154	0.050	0.042	0.487	0.277	0.037B	29
30	0.070B		1.21	0.132	0.151	0.032	0.037	0.058	0.041	0.342	0.220	0.037B	30
31	0.065B		0.733		0.089		0.031	0.048		0.290		0.037B	31
TOTAL	2.538	47.261	8.256	6.893	4.585	2.384	4.483	3.934	14.755	10.950	8.406	2.952	TOTAL
MEAN	0.082	1.69	0.266	0.230	0.148	0.079	0.145	0.127	0.492	0.353	0.280	0.095	MEAN
MAX	0.099	10.0	1.21	1.16	1.02	0.528	1.99	1.36	5.92	1.60	1.15	0.398	MAX
MIN	0.065	0.098	0.070	0.097	0.044	0.029	0.027	0.027	0.035	0.048	0.110	0.035	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.322
MAXIMUM DAILY, 10.0B ON FEB 20
MINIMUM DAILY, 0.027 ON JUL 13

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 53 15 N
LONG 78 49 30 W
DRAINAGE AREA, 91.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	219	JUL	387
FEB	4 080	AUG	340
MAR	713	SEP	1 270
APR	596	OCT	946
MAY	396	NOV	726
JUN	206	DEC	255

TOTAL DISCHARGE, 10 100 dam³

HARRIS RIVER AT HIGHWAY NO. 69 - STATION NO. 02EA013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.08	0.540B	23.4	12.0	5.48	3.24	3.35	0.137	0.151	2.88	4.95	2.74	1
2	1.96	0.550B	23.3	13.8	5.09	3.03	3.00	0.126	0.131	2.82	4.53	3.05	2
3	1.87	0.540B	23.0	15.2	4.78	2.73	2.68	0.114	0.147	2.84	4.04	3.59	3
4	1.84	0.530B	22.1	17.1	4.36	2.37	2.41	0.114	0.297	2.78	3.76	3.98	4
5	1.78	0.520B	21.0	18.6	4.23	1.99	2.13	0.173	0.513	2.64	3.48	4.12	5
6	1.77	0.520B	19.5	20.0	4.13	1.96	1.85	0.186	0.878	3.17	3.29	4.13	6
7	1.70 B	0.520B	18.2	21.2	3.58	2.11	1.68	0.184	1.74	3.74	2.94	4.22	7
8	1.69	0.520B	16.8	22.6	3.17	2.30	1.46	0.182	3.50	4.02	2.61	4.39	8
9	1.65 B	0.520B	15.4	28.3	2.87	2.43	1.33	0.175	5.11	4.31	2.32	4.22	9
10	1.60 B	0.530B	14.1	29.4	2.76	2.43	1.25	0.168	6.87	4.83	2.14	4.01	10
11	1.58	0.900B	12.9	29.7	3.12	2.30	1.05	0.160	7.79	5.54	2.01	3.73	11
12	1.55 B	1.18 B	11.8	29.1	3.38	2.13	0.950	0.146	8.69	6.12	1.83	3.36	12
13	1.50 B	1.25 B	10.7	27.8	3.70	2.11	0.888	0.119	9.11	6.56	1.70	3.10	13
14	1.44	1.27 B	9.80B	27.1	4.60	1.90	0.761	0.095	9.78	6.72	1.54	2.88	14
15	1.33	1.30	9.13	26.7	6.29	1.82	0.682	0.092	10.5	6.79	1.45	2.76	15
16	1.24	1.35	8.40B	24.3	8.16	1.85	0.548	0.093	10.9	6.65	1.32	2.51	16
17	1.18	1.55	7.90B	22.4	9.31	1.71	0.394	0.088	11.0	6.31	1.49	2.27	17
18	1.09	1.81	7.20B	20.5	9.71	1.62	0.306	0.079	11.0	6.53	1.67	2.05	18
19	0.995	2.25	6.69	18.9	9.53	1.48	0.230	0.067	10.7	6.94	1.66	1.88	19
20	0.943	3.10	6.21	17.4	8.88	1.41	0.168	0.055	10.2	7.26	1.83	1.73	20
21	0.877	4.32	5.78	15.8	8.17	1.44	0.168	0.036	9.44	7.64	1.96	1.64	21
22	0.843	6.00	5.33	14.3	7.73	1.85	0.114	0.025	8.38	8.02	1.90	1.55	22
23	0.815	9.54	4.90	12.8	7.16	2.05	0.086	0.020	7.19	8.31	1.86	1.40	23
24	0.757	14.0	4.52	11.0	6.53	2.09	0.079	0.038	5.98	8.49	1.82	1.26	24
25	0.728	17.6	4.21	9.34	6.10	2.21	0.076	0.035	4.99	8.50	1.80	1.19	25
26	0.716	20.0	3.99	7.98	5.57	2.31	0.078	0.034	4.37	8.51	1.85	1.12	26
27	0.691	21.5	3.96	7.03	4.96	2.42	0.096	0.058	3.96	8.32	2.34	1.08	27
28	0.654	22.9	3.96	6.30	4.43	2.77	0.122	0.025	3.39	7.77	2.50	1.08	28
29	0.605		4.44	6.28	3.99	3.11	0.148	0.055	3.15	6.88	2.63	1.03	29
30	0.525		6.65	5.78	3.72	3.29	0.142	0.189	2.92	6.25	2.68	0.990	30
31	0.540		9.80		3.48		0.131	0.180		5.64		0.973	31
TOTAL	38.539	137.110	345.07	538.71	168.97	66.46	28.357	3.248	172.797	183.78	71.90	78.033	TOTAL
MEAN	1.24	4.90	11.1	18.0	5.45	2.22	0.915	0.105	5.76	5.93	2.40	2.52	MEAN
MAX	2.08	22.9	23.4	29.7	9.71	3.29	3.35	0.189	11.0	8.51	4.95	4.39	MAX
MIN	0.525	0.520	3.96	5.78	2.76	1.41	0.076	0.020	0.131	2.64	1.32	0.973	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.02
MAXIMUM DAILY, 29.7 ON APR 11
MINIMUM DAILY, 0.020 ON AUG 23
MAXIMUM INSTANTANEOUS,
29.9 AT 10:48 EST ON APR 11

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 41 15 N
LONG 80 26 22 W
DRAINAGE AREA, 35.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 330	JUL	2 450
FEB	11 800	AUG	281
MAR	29 800	SEP	14 900
APR	46 500	OCT	15 900
MAY	14 600	NOV	6 210
JUN	5 740	DEC	6 740

TOTAL DISCHARGE, 158 000 dam³

HIGHLAND CREEK NEAR WEST HILL - STATION NO. 02HC013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.375B	1.20 B	0.909	0.627	0.421	0.406	2.12	0.407	0.910	1.18	0.615	1.21	1
2	0.355B	2.30 B	0.782	0.503	0.404	0.421	0.819	0.410	3.05	0.802	0.571	1.15	2
3	0.335B	0.490E	0.629	0.449	0.397	3.83	0.522	1.10	0.772	0.461	0.541	0.624	3
4	0.315B	0.440B	0.505B	0.444	0.379	1.69	0.388	2.34	10.9	0.427	0.525	0.567	4
5	0.300B	0.410B	0.486	0.460	0.496	0.480	0.973	2.15	5.21	0.445	0.546	0.499	5
6	0.370B	0.420B	0.475	0.399	1.05	0.421	0.448	0.458	1.28	4.99	1.23	0.469	6
7	0.460B	0.440B	0.456	0.405	0.405	0.403	0.406	0.454	1.91	0.998	0.579	0.459	7
8	0.450B	0.460B	0.460	0.418	0.399	0.424	0.394	1.44	1.00	0.566	0.457	0.480B	8
9	0.430B	0.420B	0.465	0.497	0.404	0.464	0.411	0.817	0.900E	0.468	0.442	0.450B	9
10	0.410B	1.00 B	0.502	0.402	0.914	2.07	0.404	0.549	0.720E	0.427	0.453	0.420B	10
11	0.390B	19.0 E	0.477	0.470	13.3	0.540	0.371	3.23	0.630E	0.420	0.456	0.453	11
12	0.375B	2.00 E	0.468	0.393	2.24	0.404	0.371	1.12	0.570E	0.400	0.456	0.420B	12
13	0.370B	1.25 E	0.471	0.364	0.862	0.404	0.358	0.465	0.530E	0.392	0.448	0.411	13
14	0.400B	1.05 E	0.450	3.81	1.08	0.481	0.385	0.443	0.500E	0.406	0.452	0.434	14
15	0.420B	1.00 E	0.451	1.43	0.974	0.425	0.370	8.00	0.460E	1.53	0.446	0.446	15
16	0.440B	4.20 E	0.441	0.500	0.602	2.30	0.382	1.24	0.520E	0.450	5.27	0.430	16
17	0.430B	8.70 E	0.414	1.27	0.471	1.07	0.396	0.549	0.840E	0.401	1.90	0.390B	17
18	0.450B	7.00 E	0.409B	0.725	0.450	0.415	0.596	0.505	0.640E	6.43	1.13	0.335B	18
19	0.470B	5.27 E	0.403B	0.423	0.450	0.422	5.57	0.453	0.560E	0.972	1.33	0.580B	19
20	0.509B	8.25 E	0.398B	0.421	0.441	0.410	1.80	0.438	0.500E	0.546	5.82	0.563	20
21	0.460B	3.99 E	0.392B	0.418	0.447	1.48	0.630	0.497	1.10 E	2.33	3.68	0.517	21
22	0.450B	1.84 E	0.387	0.421	0.439	4.78	0.440	0.438	1.70 E	6.57	1.10	1.02	22
23	0.460B	2.98 E	0.401	1.43	0.430	0.660	0.413	0.404	0.840E	3.75	0.739	3.52	23
24	0.580B	4.53 E	0.437	1.74	0.413	0.472	0.374	0.456	0.502	1.04	0.660	0.941	24
25	0.800B	2.87	0.465	0.542	0.457	0.425	0.369	0.413	0.438	0.678	0.572	0.474B	25
26	1.05 B	1.04	0.425	0.432	0.980	0.403	0.380	0.384	1.23	2.16	0.903	0.420B	26
27	0.900B	0.820	0.536	0.431	1.49	0.374	0.381	0.399	0.617	7.62	3.73	0.475	27
28	0.640B	2.18	0.407	0.431	3.91	0.357	6.74	3.89	0.438	3.69	0.726	0.689	28
29	0.400B		0.413	0.970	0.588	0.381	2.75	1.11	0.424	1.14	0.607	0.510	29
30	0.420B		3.26	0.444	0.824	0.410	0.558	2.75	0.412	0.845	0.530	0.438	30
31	0.470B		0.795		0.495		0.459	1.29		0.728		0.432B	31
TOTAL	14.684	85.550	17.969	21.669	36.612	27.222	30.978	38.599	40.103	53.262	36.914	20.226	TOTAL
MEAN	0.474	3.06	0.580	0.722	1.18	0.907	0.999	1.25	1.34	1.72	1.23	0.652	MEAN
MAX	1.05	19.0	3.26	3.81	13.3	4.78	6.74	8.00	10.9	7.62	5.82	3.52	MAX
MIN	0.300	0.410	0.387	0.364	0.379	0.357	0.358	0.384	0.412	0.392	0.442	0.335	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.16
MAXIMUM DAILY, 19.0E ON FEB 11
MINIMUM DAILY, 0.300B ON JAN 5
MAXIMUM INSTANTANEOUS,
45.5 AT 08:32 EST ON SEP 4

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 46 45 N
LONG 79 10 26 W
DRAINAGE AREA, 88.1 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 270	JUL	2 680
FEB	7 390	AUG	3 330
MAR	1 550	SEP	3 460
APR	1 870	OCT	4 600
MAY	3 160	NOV	3 190
JUN	2 350	DEC	1 750

TOTAL DISCHARGE, 36 600 dam³

HOLLAND RIVER AT HOLLAND LANDING - STATION NO. 02EC009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.600B	0.680B	2.70	2.56	0.899	0.720	0.452	0.544	0.869	0.689	1.40	1.54	1
2	0.590B	0.665B	2.21	2.15	0.820	0.666	0.489	0.432	0.746	0.788	1.51	2.06	2
3	0.585B	0.655B	1.61	1.64	0.806	0.650	0.546	0.423	0.688	0.719	1.25	1.86	3
4	0.580B	0.650B	1.51	1.58	0.767	0.782	1.05	0.717	2.07	0.678	1.15	1.50	4
5	0.570B	0.640B	1.53	1.57	0.763	0.676	5.23	2.88	11.8	0.664	1.13	1.38	5
6	0.565B	0.625B	1.48	1.05	0.874	0.588	2.15	1.31	4.88	2.15	1.22	1.20	6
7	0.560B	0.620B	1.33	0.931	0.810	0.501	1.10	0.793	2.50	2.41	1.29	1.13	7
8	0.555B	0.615B	1.40	1.06	0.761	0.472	0.765	0.705	2.11	1.87	1.13	1.35	8
9	0.550B	0.610B	1.45	1.04	0.737	0.480	0.628	1.03	1.66	1.71	1.08	0.940B	9
10	0.545B	0.700B	1.44	1.03	1.36	0.696	0.525	0.787	1.25	1.05	1.00	0.890B	10
11	0.544B	5.30	1.37	0.982	7.75	0.897	0.437	1.23	1.07	0.859	1.01	0.840B	11
12	0.543B	3.15	1.30	0.986	6.11	0.652	0.380	1.28	0.917	0.778	1.35	0.825B	12
13	0.542B	2.97	1.31	0.937	2.93	0.562	0.376	0.852	0.799	0.750	0.981	0.820B	13
14	0.541B	2.52	0.998	1.77	2.02	0.505	0.377	0.678	0.744	0.784	0.906	0.858B	14
15	0.540B	2.15	1.10	1.82	1.91	0.506	0.360	1.39	0.705	0.872	0.865	0.860B	15
16	0.542B	2.30	1.02	1.34	1.79	0.503	0.330	2.16	0.668	0.893	2.01	0.850B	16
17	0.545B	5.93	0.910	1.40	1.43	0.687	0.356	1.15	0.669	0.810	2.83	0.780B	17
18	0.550B	17.3	0.776	1.46	1.17	0.597	0.389	0.778	0.703	1.70	2.09	0.730B	18
19	0.555B	20.3	0.759	1.17	1.04	0.505	0.770	0.614	0.667	1.74	1.62	0.700B	19
20	0.560B	16.8	0.776	1.04	0.972	0.457	1.98	0.536	0.649	1.26	4.25	0.710B	20
21	0.570B	13.6	0.737	0.989	0.850	0.449	0.887	0.514	1.05	1.09	4.78	0.740B	21
22	0.580B	8.05	0.789	0.916	0.765	2.30	0.647	0.510	1.18	1.57	2.90	0.760B	22
23	0.600B	10.0	0.923	0.926	0.732	2.28	0.532	0.457	0.914	2.60	2.11	0.770B	23
24	0.610B	8.76	0.939	1.20	0.659	1.02	0.477	0.507	0.800	2.56	1.82	0.760B	24
25	0.640B	5.23	0.693	1.17	0.687	0.765	0.414	0.505	0.706	1.85	1.51	0.750B	25
26	0.660B	3.61	0.600	0.973	0.754	0.626	0.396	0.453	0.746	2.00	1.46	0.750B	26
27	0.640B	2.51	0.972	0.946	0.836	0.523	0.401	0.457	0.823	3.00	4.55	0.748B	27
28	0.630B	2.93	1.18	0.934	1.74	0.439	0.998	0.753	0.771	4.69	2.93	0.746B	28
29	0.620B		1.19	0.982	1.36	0.410	2.06	1.56	1.28	2.55	2.04	0.742B	29
30	0.615B		2.80	0.978	1.06	0.400	1.14	1.36	0.640	2.16	1.66	0.740B	30
31	0.610B		3.06		0.845		0.709	1.15		1.57		0.800B	31
TOTAL	17.937	139.870	60.862	37.530	45.607	21.314	27.351	28.515	45.074	48.814	55.832	30.129	TOTAL
MEAN	0.579	5.00	1.32	1.25	1.47	0.710	0.882	0.920	1.50	1.57	1.86	0.972	MEAN
MAX	0.660	20.3	3.06	2.56	7.75	2.30	5.23	2.88	11.8	4.69	4.78	2.06	MAX
MIN	0.540	0.610	0.600	0.916	0.659	0.400	0.330	0.423	0.640	0.664	0.865	0.700	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.48
MAXIMUM DAILY, 20.3 ON FEB 19
MINIMUM DAILY, 0.330 ON JUL 16
MAXIMUM INSTANTANEOUS,
28.0 AT 19:18 EST ON FEB 18

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 05 41 N
LONG 79 29 24 W
DRAINAGE AREA, 181 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 550	JUL	2 360
FEB	12 100	AUG	2 460
MAR	3 530	SEP	3 890
APR	3 240	OCT	4 220
MAY	3 940	NOV	4 820
JUN	1 840	DEC	2 600

TOTAL DISCHARGE, 46 600 dam³

HORNER CREEK NEAR PRINCETON - STATION NO. 02GB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.610B	0.300B	5.10	3.52	3.44	0.579	0.504	0.323	0.456	0.595	2.30	1.22	1
2	0.600B	0.340B	5.29	3.53	2.87	0.539	0.507	0.267	0.643	0.765	1.96	1.32	2
3	0.570B	0.305B	4.16B	2.99	2.35	0.590	0.461	0.283	0.864	0.903	1.75	1.55	3
4	0.540B	0.295B	3.46B	2.54	1.94	0.662	0.423	0.285	2.12	0.852	1.52	1.70	4
5	0.515B	0.285B	2.91	2.16	1.70	0.615	0.419	0.291	2.39	0.768	1.33	1.58	5
6	0.490B	0.278B	2.52	1.90	1.50	0.533	0.403	0.265	2.15	0.859	1.26	1.42	6
7	0.470B	0.272B	2.22	1.67	1.27	0.478	0.364	0.257	1.71	1.11	1.24	1.28	7
8	0.450B	0.266B	2.05	1.46	1.10	0.441	0.332	0.278	1.32	1.40	1.18	1.15	8
9	0.430B	0.261B	1.94	1.28	0.998	0.442	0.308	0.276	1.00	1.32	1.08	1.04 B	9
10	0.410B	0.259B	1.86	1.13	0.999	0.435	0.276	0.278	0.801	1.03	1.01	0.955B	10
11	0.400B	1.10 B	1.85	1.06	1.35	0.395	0.253	0.429	0.677	0.864	0.942	0.890B	11
12	0.385B	1.04 B	1.83	1.07	1.67	0.375	0.218	0.412	0.602	0.750	0.911	0.780B	12
13	0.370B	0.970B	1.78	1.03	1.71	0.379	0.196	0.340	0.544	0.686	0.872	0.710	13
14	0.355B	0.940B	1.78	1.47	1.60	0.409	0.149	0.284	0.525	0.635	0.832	0.694	14
15	0.345B	0.920B	1.73	2.07	1.58	0.463	0.107	0.312	0.487	0.613	0.786	0.659	15
16	0.335B	0.900B	1.66	2.50	1.66	0.432	0.086	0.316	0.445	0.580	0.803	0.662	16
17	0.325B	3.40 B	1.56	2.54	1.71	0.482	0.089	0.297	0.461	0.552	0.862	0.593B	17
18	0.319B	5.80 B	1.32	2.72	1.64	0.452	0.092	0.250	0.518	0.840	0.862	0.557B	18
19	0.311B	14.8 B	1.18	2.62	1.43	0.398	0.102	0.209	0.544	1.24	0.846	0.449B	19
20	0.305B	30.0 B	1.09	2.48	1.22	0.371	0.200	0.184	0.515	1.42	1.10	0.449B	20
21	0.300B	25.9 B	1.07B	2.17	1.08	0.510	0.246	0.170	0.512	1.38	1.63	0.455B	21
22	0.295B	21.0	1.06	1.86	0.952	1.14	0.228	0.161	0.848	1.72	1.94	0.494B	22
23	0.290B	15.7	1.05	1.88	0.795	1.51	0.202	0.145	0.913	2.61	1.93	0.537	23
24	0.285B	25.5	1.12	2.32	0.727	1.46	0.174	0.141	0.832	3.37	1.74	0.578	24
25	0.283B	15.2	1.16	2.64	0.691	1.07	0.142	0.133	0.712	3.71	1.47	0.583	25
26	0.310B	8.42	1.22	2.88	0.701	0.815	0.143	0.123	0.674	3.35	1.24	0.574	26
27	0.322B	6.02	1.45	2.63	0.721	0.639	0.150	0.123	0.646	3.29	1.26	0.561	27
28	0.300B	5.15	1.87	2.58	0.777	0.513	0.267	0.185	0.595	3.12	1.42	0.551	28
29	0.285B		2.14	2.82	0.812	0.442	0.571	0.156	0.543	3.04	1.42	0.533	29
30	0.275B		2.38	3.49	0.724	0.405	0.573	0.319	0.493	3.00	1.32	0.461B	30
31	0.270B		2.67		0.656		0.447	0.441		2.65		0.402B	31
TOTAL	11.750	185.621	64.48	67.01	42.373	17.974	8.632	7.893	25.540	49.022	38.816	25.387	TOTAL
MEAN	0.379	6.63	2.08	2.23	1.37	0.599	0.278	0.255	0.851	1.58	1.29	0.819	MEAN
MAX	0.610	30.0	5.29	3.53	3.44	1.51	0.573	0.441	2.39	3.71	2.30	1.70	MAX
MIN	0.270	0.259	1.05	1.03	0.656	0.371	0.086	0.123	0.445	0.552	0.786	0.402	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.49
MAXIMUM DAILY, 30.0B ON FEB 20
MINIMUM DAILY, 0.086 ON JUL 16
MAXIMUM INSTANTANEOUS,
30.4 AT 12:00 EST ON FEB 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 10 30 N
LONG 80 33 12 W
DRAINAGE AREA, 150 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 020	JUL	746
FEB	16 000	AUG	682
MAR	5 570	SEP	2 210
APR	5 790	OCT	4 240
MAY	3 660	NOV	3 350
JUN	1 550	DEC	2 190

TOTAL DISCHARGE, 47 000 dam³

HUMBER RIVER AT ELDER MILLS - STATION NO. 02HC025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.58B	1.10B	4.53	4.38	1.68	1.17	1.40	1.31	1.68	1.44	2.47	2.91	1
2	1.49B	1.93B	3.96	3.95	1.61	1.05	1.33	1.10	1.57	1.63	2.30	3.18	2
3	1.42B	1.18B	2.99	3.31	1.48	1.09	1.09	1.01	1.55	1.76	2.17	3.47	3
4	1.35B	1.10B	2.58	2.99	1.47	1.40	3.71	1.09	3.24	1.61	2.00	3.05	4
5	1.31B	1.01B	2.55B	3.01	1.48	1.68	21.1	3.00	7.11	1.54	1.94	2.68	5
6	1.30B	1.02B	2.50B	2.71	1.61	1.29	13.8	2.50	4.16	2.61	1.95	2.66B	6
7	1.29B	1.02B	2.47B	2.32	1.47	1.04	6.18	1.70	3.22	3.83	1.96	2.41	7
8	1.27B	1.02B	2.45B	2.09	1.39	0.960	3.66	1.30	2.81	2.76	1.99	2.26	8
9	1.24B	1.02B	2.47	2.01	1.34	1.10	2.32	3.04	2.44	2.19	1.87	1.95	9
10	1.20B	1.20B	2.46	2.00	1.80	1.11	1.66	2.31	2.01	1.84	1.83	1.85	10
11	1.18B	1.80B	2.44	1.92	6.29	1.96	1.26	1.85	1.55	1.65	1.79	1.78	11
12	1.12B	3.50B	2.35	1.93	8.85	1.79	1.11	1.71	1.41	1.53	1.87	2.23	12
13	1.10B	1.55B	2.38	1.81	5.13	1.41	1.02	1.33	1.38	1.48	1.78	2.33	13
14	1.10B	1.54B	2.10	2.58	3.53	1.34	0.895	1.15	1.27	1.41	1.68	2.34	14
15	1.09B	1.53B	2.25	3.81	3.02	1.27	0.800	1.61	1.14	1.51	1.69	2.24	15
16	1.08B	3.50B	2.19	2.81	3.11	1.20	0.771	2.04	1.15	1.86	2.64	2.11B	16
17	1.08B	9.00B	1.86	2.36	2.65	1.11	0.760	1.70	1.18	1.78	5.82	2.00B	17
18	1.08B	20.0 B	1.07	2.16	2.15	0.917	0.724	1.22	1.19	2.28	4.60	1.95B	18
19	1.08B	34.0 B	1.90	2.00	1.88	0.855	0.730	1.08	1.18	3.41	3.57	2.15B	19
20	1.08B	26.0 B	2.10	1.85	1.74	0.851	0.919	0.924	1.20	2.59	6.02	2.02B	20
21	1.08B	23.0	2.04	1.74	1.56	0.981	0.882	0.840	1.25	2.18	7.63	4.10B	21
22	1.08B	14.5	2.01	1.64	1.47	2.09	0.825	0.873	1.64	2.43	5.29	2.81	22
23	1.08B	14.3	1.95	1.81	1.36	5.06	0.779	0.779	1.89	3.45	3.88	2.54	23
24	1.07B	15.1	1.96	2.13	1.34	2.80	0.708	0.892	1.68	4.14	3.17	2.47	24
25	1.15B	9.33	1.94	2.19	1.33	1.81	0.707	0.883	1.60E	3.38	2.87	2.35B	25
26	1.32B	6.51	1.93	1.98	1.21	1.36	0.670	0.792	1.58E	3.15	2.60	2.18B	26
27	1.18B	4.96	2.07	2.00	1.17	1.10	0.737	0.774	1.58E	3.75	4.71	2.12B	27
28	1.09B	4.67	2.20	1.90	1.42	0.968	1.24	1.14	1.58	6.81	6.14	2.11	28
29	1.05B		2.24	1.87	1.43	0.810	3.96	1.95	1.46	4.66	4.47	2.21	29
30	1.05B		3.43	1.97	1.45	1.01	2.88	2.18	1.39	3.56	3.41	2.07	30
31	1.05B		5.19		1.33		1.80	1.96		2.89		2.04	31
TOTAL	36.64	206.39	76.56	71.23	68.75	42.582	80.427	46.037	58.09	81.11	96.11	74.57	TOTAL
MEAN	1.18	7.37	2.47	2.37	2.22	1.42	2.59	1.49	1.94	2.62	3.20	2.41	MEAN
MAX	1.58	34.0	5.19	4.38	8.85	5.06	21.1	3.04	7.11	6.81	7.63	4.10	MAX
MIN	1.05	1.01	1.07	1.64	1.17	0.810	0.670	0.774	1.14	1.41	1.68	1.78	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.57
MAXIMUM DAILY, 34.0B ON FEB 19
MINIMUM DAILY, 0.670 ON JUL 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 48 39 N
LONG 79 37 38 W
DRAINAGE AREA, 303 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 170	JUL	6 950
FEB	17 800	AUG	3 980
MAR	6 610	SEP	5 020
APR	6 150	OCT	7 010
MAY	5 940	NOV	8 300
JUN	3 680	DEC	6 440

TOTAL DISCHARGE, 81 100 dam³

HUMBER RIVER AT WESTON - STATION NO. 02HC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.35B	1.60B	11.5	9.00	3.06	2.48	1.52	2.02	2.98	4.13	5.41	6.62	1
2	2.25B	2.38B	9.54	7.51	2.68	2.25	1.50	1.62	5.76	2.65	4.73	6.85	2
3	2.12B	1.48B	6.53	6.31	2.59	2.99	1.49	1.68	3.37	2.58	4.27	7.31	3
4	2.00B	1.42B	5.16	5.52	2.48	2.50	1.74	5.13	14.9	2.41	3.87	6.85	4
5	2.00B	1.40B	5.20B	5.27	2.97	2.56	23.8	5.29	27.0	2.32	3.62	6.16	5
6	1.99B	1.39B	4.59	4.96	2.97	2.28	22.0	3.76	13.2	6.94	3.95	5.00	6
7	1.94B	1.39B	4.53	4.30	2.56	1.92	11.1	2.71	8.18	6.10	3.83	4.33	7
8	1.89B	1.40B	4.90B	3.90	2.40	1.72	6.02	2.22	6.17	5.46	3.55	4.47	8
9	1.82B	1.42B	4.41	3.65	2.23	1.78	3.75	2.68	4.90	4.11	3.39	3.27	9
10	1.78B	1.48B	4.46	3.29	2.83	2.79	2.66	3.79	3.82	3.27	3.22	3.52	10
11	1.65B	14.0 B	4.46	3.08	14.5	2.37	2.06	4.65	3.11	2.90	3.07	3.31	11
12	1.53B	3.30B	4.32	2.94	19.0	2.58	1.76	3.19	2.71	2.66	3.03	3.30B	12
13	1.50B	2.90B	4.18	2.83	12.6	2.14	1.59	2.30	2.54	2.45	3.00	3.20B	13
14	1.48B	2.82B	3.83	7.47	7.94	2.14	1.47	1.98	2.32	2.32	2.84	3.40B	14
15	1.48B	2.95B	3.71	5.46	6.41	1.97	1.33	6.44	2.13	2.96	3.23	3.59	15
16	1.47B	5.00B	3.91	4.43	5.68	3.73	1.26	3.43	1.97	2.70	10.6	3.34	16
17	1.44B	12.0 B	3.40	4.09	4.94	2.60	1.25	2.99	2.04	2.73	12.8	3.36	17
18	1.44B	50.0 B	2.52	3.54	4.11	1.76	1.22	2.37	1.93	7.02	11.5	3.24	18
19	1.44B	97.0	2.92	3.32	3.58	1.61	1.25	1.97	1.99	5.30	9.18	3.20B	19
20	1.43B	83.2	3.40	3.03	3.25	1.53	1.64	1.75	2.01	4.81	18.8	3.00B	20
21	1.43B	74.3	2.81	2.91	2.96	2.23	1.72	1.59	3.01	5.06	29.9	3.40B	21
22	1.42B	45.4	3.15	2.75	2.76	5.44	1.53	1.55	3.61	8.60	18.0	3.60B	22
23	1.42B	42.5	3.23	3.23	2.57	5.13	1.36	1.48	2.86	10.6	10.9	7.70B	23
24	1.41B	51.3	3.25	3.72	2.43	4.16	1.22	1.64	2.72	11.6	8.22	3.80B	24
25	1.41B	27.5	3.25	3.69	2.42	2.83	1.23	1.53	2.31	9.10	6.77	3.55B	25
26	1.77B	18.0	3.22	3.48	2.61	2.25	1.19	1.51	2.68	7.73	6.39	3.70B	26
27	1.68B	12.8	3.34	3.25	2.81	1.82	1.22	1.48	2.46	18.3	9.32	4.20B	27
28	1.43B	12.7	3.37	3.15	3.85	1.59	6.03	4.41	2.37	29.7	12.7	5.00B	28
29	1.40B		3.45	3.42	2.97	1.41	5.06	2.84	2.19	17.7	9.96	4.60B	29
30	1.39B		6.54	3.16	3.23	1.36	4.47	4.74	1.99	10.1	7.52	4.20B	30
31	1.41B		9.37		2.80		2.87	3.61		6.96		8.80	31
TOTAL	51.17	573.03	142.45	126.66	140.19	73.92	118.31	88.35	139.23	211.27	237.57	139.87	TOTAL
MEAN	1.65	20.5	4.60	4.22	4.52	2.46	3.82	2.85	4.64	6.82	7.92	4.51	MEAN
MAX	2.35	97.0	11.5	9.00	19.0	5.44	23.8	6.44	27.0	29.7	29.9	8.80	MAX
MIN	1.39	1.39	2.52	2.75	2.23	1.36	1.19	1.48	1.93	2.32	2.84	3.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.59
MAXIMUM DAILY, 97.0 ON FEB 19
MINIMUM DAILY, 1.19 ON JUL 26
MAXIMUM INSTANTANEOUS,
115 AT 05:41 EST ON FEB 19

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 41 54 N
LONG 79 31 19 W
DRAINAGE AREA, 800 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 420	JUL	10 200
FEB	49 500	AUG	7 630
MAR	12 300	SEP	12 000
APR	10 900	OCT	18 300
MAY	12 100	NOV	20 500
JUN	6 390	DEC	12 100

TOTAL DISCHARGE, 176 000 dam³

HUMBER RIVER NEAR CEDAR MILLS - STATION NO. 02HC012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.880B	0.850B	2.66	2.94	1.22	0.844	0.812	0.903	1.33	---	---	---	1
2	0.860B	1.55 B	2.32	2.62	1.10	0.782	0.810	0.803	1.30	---	---	---	2
3	0.840B	0.920B	2.04B	2.18	1.10	0.830	0.774	0.803	1.22	---	---	---	3
4	0.820B	0.860B	2.00B	2.13	1.09	1.35	4.45	1.09	5.40	---	---	---	4
5	0.820B	0.830B	1.80	2.16	1.13	1.07	16.4	2.70	4.38	---	---	---	5
6	0.820B	0.810B	1.80B	1.81	1.11	0.904	8.85	1.63	3.04	---	---	---	6
7	0.820B	0.820B	1.56	1.53	1.04	0.761	4.09	1.13	2.69	---	---	---	7
8	0.810B	0.820B	1.66	1.43	0.977	0.710	2.29	2.18	2.35	---	---	---	8
9	0.800B	0.820B	1.69	1.44	0.999	0.707	1.36	3.10	1.87	---	---	---	9
10	0.790B	0.840B	1.71	1.40	1.48	1.08	1.03	1.52	1.26	---	---	---	10
11	0.785B	3.40 B	1.68	1.39	5.26	1.48	0.887	1.57	1.13	---	---	---	11
12	0.780B	1.80 B	1.66	1.32	4.17	1.00	0.789	1.24	1.10	---	---	---	12
13	0.775B	1.73 B	1.65	1.24	2.43	0.914	0.778	1.01	1.01	---	---	---	13
14	0.775B	1.72 B	1.56B	2.37	1.71	0.894	0.729	0.946	0.895	---	---	---	14
15	0.770B	1.75 B	1.53	2.39	1.71	0.870	0.684	1.37	0.872	---	---	---	15
16	0.780B	2.13 B	1.48	1.88	1.77	0.801	0.680	1.66	0.865	---	---	---	16
17	0.780B	6.00 B	1.48B	1.60	1.43	0.713	0.680	1.15	0.893	---	---	---	17
18	0.790B	10.5 B	1.47B	1.54	1.26	0.645	0.647	0.939	0.944	---	---	---	18
19	0.810B	36.8	1.46B	1.40	1.22	0.626	0.629	0.842	0.918	---	---	---	19
20	0.850B	30.5	1.40B	1.36	1.12	0.628	0.769	0.783	0.933	---	---	---	20
21	0.865B	26.7	1.45B	1.26	1.04	0.816	0.742	0.727	0.999	---	---	---	21
22	0.860B	19.7	1.45B	1.21	1.01	3.31	0.708	0.712	---	---	---	---	22
23	0.860B	12.7	1.45	1.30	1.01	3.07	0.695	0.778	---	---	---	---	23
24	0.860B	7.37	1.43	1.61	0.947	1.58	0.653	0.769	---	---	---	---	24
25	0.860B	4.53	1.41	1.52	0.818	1.14	0.620	0.727	---	---	---	---	25
26	1.05 B	3.45	1.42	1.39	0.762	0.864	0.638	0.688	---	---	---	---	26
27	1.03 B	2.83	1.64	1.42	0.758	0.759	0.681	0.714	---	---	---	---	27
28	0.880B	2.74	1.71	1.35	0.914	0.676	2.07	1.19	---	---	---	---	28
29	0.840B		1.82	1.41	1.05	0.631	3.85	1.92	---	---	---	---	29
30	0.830B		3.12	1.27	1.02	0.730	1.91	1.73	---	---	---	---	30
31	0.820B		3.53		0.929		1.16	1.53	---	---	---	---	31
TOTAL	25.910	185.470	55.04	49.87	43.584	31.185	61.865	38.854	---	---	---	---	TOTAL
MEAN	0.836	6.62	1.78	1.66	1.41	1.04	2.00	1.25	---	---	---	---	MEAN
MAX	1.05	36.8	3.53	2.94	5.26	3.31	16.4	3.10	---	---	---	---	MAX
MIN	0.770	0.810	1.40	1.21	0.758	0.626	0.620	0.688	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 36.8 ON FEB 19
MINIMUM DAILY, 0.620 ON JUL 25
MAXIMUM INSTANTANEOUS,
39.7 AT 04:13 EST ON FEB 19

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 55 42 N
LONG 79 48 57 W
DRAINAGE AREA, 169 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 240	JUL	5 350
FEB	16 000	AUG	3 360
MAR	4 760	SEP	---
APR	4 310	OCT	---
MAY	3 770	NOV	---
JUN	2 690	DEC	---

REMARKS - GAUGE DISCONTINUED SEP 1981. REPLACED BY STATION NO. 02HC047 "HUMBER RIVER NEAR PALGRAVE"

HUMBER RIVER NEAR PALGRAVE - STATION NO. 02HC047

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.760	0.795	0.848	1.27	0.985	1.42	1.59	1
2	---	---	---	---	---	0.702	0.786	0.756	1.27	1.25	1.34	1.96	2
3	---	---	---	---	---	0.771	0.714	0.756	1.15	1.15	1.25	1.96	3
4	---	---	---	---	---	1.23	4.11	1.19	4.84	1.06	1.24	1.68	4
5	---	---	---	---	---	0.949	10.8	2.55	4.05	1.00	1.26	1.71	5
6	---	---	---	---	---	0.802	6.69	1.52	2.77	2.22	1.28	1.50	6
7	---	---	---	---	---	0.722	3.50	1.05	2.48	2.14	1.31	1.34	7
8	---	---	---	---	---	0.698	1.95	2.12	2.12	1.58	1.25	1.41	8
9	---	---	---	---	---	0.738	1.19	2.79	1.72	1.27	1.28	1.34	9
10	---	---	---	---	---	1.10	0.914	1.45	1.11	1.11	1.27	1.39B	10
11	---	---	---	---	---	1.50	0.819	1.51	1.01	1.06	1.35	1.39	11
12	---	---	---	---	---	1.02	0.759	1.22	0.990	1.01	1.26	1.36B	12
13	---	---	---	---	---	0.928	0.767	0.970	0.937	0.972	1.19	1.33	13
14	---	---	---	---	---	0.882	0.725	0.897	0.864	0.947	1.16	1.34	14
15	---	---	---	---	---	0.828	0.673	1.37	0.829	1.17	1.17	1.35	15
16	---	---	---	---	---	0.787	0.656	1.59	0.827	1.30	2.53	1.33	16
17	---	---	---	---	---	0.699	0.635	1.11	0.853	1.15	3.31	1.28	17
18	---	---	---	---	---	0.659	0.619	0.912	0.901	2.07	2.38	1.29B	18
19	---	---	---	---	---	0.640	0.635	0.781	0.870	2.02	1.90	1.29B	19
20	---	---	---	---	---	0.647	0.751	0.743	0.873	1.49	2.74	1.28B	20
21	---	---	---	---	---	0.806	0.694	0.697	0.937	1.33	3.22	1.27B	21
22	---	---	---	---	---	3.21	0.667	0.701	1.44	1.60	2.45	1.27	22
23	---	---	---	---	---	2.65	0.676	0.782	1.25	2.06	1.84	1.48	23
24	---	---	---	---	---	1.39	0.613	0.754	0.982	2.24	1.67	1.49	24
25	---	---	---	---	---	1.01	0.608	0.694	0.887	1.85	1.51	1.37	25
26	---	---	---	---	---	0.808	0.633	0.671	1.03	1.93	1.45	1.28	26
27	---	---	---	---	---	0.721	0.652	0.701	1.17	2.43	3.74	1.26	27
28	---	---	---	---	---	0.650	2.01	1.20	0.982	3.22	3.23	1.31	28
29	---		---	---	---	0.630	3.49	1.91	0.869	2.44	2.32	1.30	29
30	---		---	---	0.927	0.738	1.71	1.63	0.854	1.84	1.78	1.29B	30
31	---		---		0.828		1.07	1.50		1.52		1.26	31
TOTAL	---	---	---	---	---	29.675	51.311	37.373	42.135	49.414	55.10	43.70	TOTAL
MEAN	---	---	---	---	---	0.989	1.66	1.21	1.40	1.59	1.84	1.41	MEAN
MAX	---	---	---	---	---	3.21	10.8	2.79	4.84	3.22	3.74	1.96	MAX
MIN	---	---	---	---	---	0.630	0.608	0.671	0.827	0.947	1.16	1.26	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.608 ON JUL 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 55 57 N
LONG 79 49 45 W
DRAINAGE AREA, 117 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 430
FEB	---	AUG	3 230
MAR	---	SEP	3 640
APR	---	OCT	4 270
MAY	---	NOV	4 760
JUN	2 560	DEC	3 780

REMARKS - REPLACES STATION NO. 02HC012 "HUMBER RIVER NEAR CEDAR MILLS"

INDIAN RIVER NEAR BLAKENEY - STATION NO. 02KF012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.04 B	0.900B	15.0	3.78	2.08	2.19	2.14	0.349	0.619	2.19	6.30	2.37	1
2	0.964B	0.895B	12.6	3.94	1.93	1.93	1.86	0.343	0.612	2.18	6.08	2.44	2
3	0.960B	0.890B	11.0	3.84	1.87	1.77	1.66	0.339	0.612	2.12	5.58	2.56	3
4	0.955B	0.880B	8.71	4.23	1.91	1.70	1.56	0.338	0.611	2.03	5.27	2.55	4
5	0.950B	0.870B	7.59	4.97	1.75	1.50	1.39	0.374	0.798	1.37	5.04	2.49	5
6	0.945B	0.863B	6.79	4.25	1.36	1.67	1.17	0.350	0.884	1.86	5.23	2.56	6
7	0.940B	0.858B	6.15	3.73	1.21	1.68	0.941	0.342	0.804	2.26	5.31	4.79	7
8	0.935B	0.855B	5.82	3.47	1.23	1.64	0.791	0.339	1.23	2.19	5.27	2.26	8
9	0.930B	0.853B	5.32	3.28	1.21	2.09	0.777	0.352	2.49	1.98	4.91	2.22	9
10	0.925B	0.850B	4.54	3.37	1.08	1.90	1.02	0.390	4.28	1.86	4.44	2.45	10
11	0.920B	1.85 B	4.47	3.22	1.83	1.70	0.735	0.377	6.90	1.76	4.18	2.46	11
12	0.915B	2.95 B	4.28	2.73	2.88	1.53	0.599	0.347	7.98	1.70	3.81	2.20	12
13	0.910B	2.52 B	4.24	2.69	2.89	1.44	0.525	0.334	8.75	1.75	3.58	2.19	13
14	0.908B	2.35 B	3.96	3.02	2.67	1.30	0.433	0.329	8.18	1.91	3.37	2.18	14
15	0.905B	2.15 B	3.70	2.37	2.42	1.30	0.339	0.399	7.50	2.33	3.31	2.20	15
16	0.900B	1.90 B	3.53	2.35	2.45	1.66	0.284	0.493	6.78	2.39	3.37	2.19	16
17	0.896B	2.20 B	3.28	2.37	2.34	2.29	0.261	0.431	6.01	2.34	3.52	2.35	17
18	0.892B	2.65 B	2.91B	2.43	2.21	1.91	0.272	0.377	5.40	2.53	3.37	2.68	18
19	0.888B	3.45 B	3.01	2.23	1.95	1.63	0.566	0.360	4.83	2.67	3.19	2.57	19
20	0.885B	4.65 B	2.91	2.07	1.77	1.29	1.08	0.354	4.18	2.51	3.18	2.04	20
21	0.882B	6.50 B	2.79	1.86	1.63	1.14	0.594	0.376	2.99	2.41	3.70	1.89	21
22	0.878B	9.00 B	2.80	1.85	1.58	2.07	0.401	0.344	2.32	2.45	3.74	1.59	22
23	0.875B	13.6 B	2.85	1.73	1.45	3.30	0.317	0.330	2.29	3.16	3.39	1.64	23
24	0.873B	28.3	2.92	2.18	1.35	2.58	0.322	0.329	2.50	3.39	3.25	1.64	24
25	0.870B	25.2	2.90	2.35	1.26	2.22	0.316	0.327	2.90	3.04	2.94	1.66	25
26	0.880B	23.8	2.89	2.36	1.33	1.98	0.319	0.324	2.61	3.42	2.89	1.63	26
27	0.890B	20.5	3.14	2.30	1.43	1.85	0.318	0.321	2.93	6.17	3.11	1.58	27
28	0.885B	17.5	3.09	2.21	2.72	1.65	0.308	0.321	1.99	10.7	3.33	1.66	28
29	0.877B		3.05	2.22	3.16	1.49	0.326	0.551	1.46	7.13	3.07	1.61	29
30	0.875B		3.26	2.32	2.90	1.44	0.327	0.567	1.56	6.31	2.84	1.60	30
31	0.872B		3.69		2.55		0.313	0.648		6.19		1.15	31
TOTAL	28.220	179.784	153.19	85.72	60.40	53.84	22.264	11.755	103.000	96.30	120.57	67.40	TOTAL
MEAN	0.910	6.42	4.94	2.86	1.95	1.79	0.718	0.379	3.43	3.11	4.02	2.17	MEAN
MAX	1.04	28.3	15.0	4.97	3.16	3.30	2.14	0.648	8.75	10.7	6.30	4.79	MAX
MIN	0.870	0.850	2.79	1.73	1.08	1.14	0.261	0.321	0.611	1.37	2.84	1.15	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.69
MAXIMUM DAILY, 28.3 ON FEB 24
MINIMUM DAILY, 0.261 ON JUL 17
MAXIMUM INSTANTANEOUS,
30.4 AT 05:02 EST ON FEB 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 14 44 N
LONG 76 15 39 W
DRAINAGE AREA, 203 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 440	JUL	1 920
FEB	15 500	AUG	1 020
MAR	13 200	SEP	4 900
APR	7 410	OCT	3 320
MAY	5 220	NOV	10 400
JUN	4 650	DEC	5 820

TOTAL DISCHARGE, 84 800 dam³

INDIAN RIVER NEAR PEMBROKE - STATION NO. 02KC014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.61B	1.75B	24.4 B	25.6	6.57	4.37	2.01	1.10	1.15	2.65	3.45	3.71	1
2	2.56B	1.83B	18.8 B	24.0	6.07	4.38	1.95	0.918	1.84	3.08	3.27	4.18	2
3	2.52B	1.90B	16.4 B	21.3	5.74	3.53	1.88	0.790	2.00	3.76	3.46	4.35	3
4	2.47B	1.85B	15.4 B	19.1	5.44	3.45	1.78	0.716	2.43	3.81	3.29	4.34	4
5	2.42B	1.80B	15.0 B	17.7	5.20	3.36	1.76	1.25	6.29	3.63	3.56	4.10	5
6	2.36B	1.76B	12.9 B	15.2	5.28	3.27	1.71	1.24	6.98	3.92	3.96	2.84	6
7	2.38B	1.75B	12.8 B	12.9	5.19	3.34	1.56	1.05	5.71	6.12	3.91	3.72	7
8	2.40B	1.74B	12.3 B	11.3	4.84	3.09	1.46	0.824	5.48	6.87	3.59	3.81	8
9	2.31B	1.73B	12.1 B	11.9	4.54	3.08	1.33	1.14	5.54	6.39	3.50	3.53	9
10	2.22B	1.73B	11.5 B	12.2	4.50	2.96	1.24	1.82	8.86	6.28	3.25	3.17	10
11	2.11B	2.04B	10.9 B	11.4	8.39	2.78	1.08	1.51	9.31	5.44	3.17	3.73	11
12	2.02B	2.64B	9.71	10.3	15.2	2.57	1.02	1.32	8.59	4.80	3.15B	3.77	12
13	1.99B	2.83B	9.78	9.32	17.5	2.56	0.985	1.13	7.42	4.53	3.09B	3.58	13
14	1.94B	2.72B	8.11	9.05	15.7	2.55	0.957	0.955	6.56	4.38	3.03B	3.49	14
15	1.92B	2.62B	9.06	9.32	13.3	3.35	0.919	1.04	5.17	4.32	3.06	3.55	15
16	1.87B	2.50B	7.72	8.78	11.3	4.38	0.876	1.47	4.11	3.85	3.05	3.55	16
17	1.83B	3.25B	7.03	8.15	9.82	4.15	0.867	1.58	3.89	3.52	3.22	3.02	17
18	1.82B	4.30B	6.90	8.98	8.74	3.59	0.829	1.36	3.89	3.71	3.28	3.21	18
19	1.81B	5.02B	7.41	8.61	7.70	2.99	1.04	1.22	3.30	4.12	3.24	2.91	19
20	1.79B	9.93B	7.16	8.12	6.99	2.72	2.09	0.974	3.33	3.94	3.36	2.94	20
21	1.76B	18.4 B	7.17	7.57	6.38	2.47	1.59	0.848	2.85	3.83	3.86	2.88B	21
22	1.74B	21.7 B	7.16	7.07	6.09	3.03	1.33	0.738	2.33	4.04	3.94	2.85B	22
23	1.74B	30.0 B	7.62	6.98	5.69	4.17	1.04	0.639	2.14	4.15	3.78	2.81B	23
24	1.72B	36.5 B	7.83	7.48	5.26	3.53	0.962	0.618	1.99	4.24	3.43	2.78B	24
25	1.71B	38.8 B	8.00	7.42	5.15	3.25	0.968	0.576	1.81	4.11	3.72	2.74B	25
26	1.74B	36.6 B	8.11	7.18	5.08	3.54	1.52	0.537	1.75	4.07	3.77	2.71B	26
27	1.77B	33.5 B	8.79	6.77	4.92	2.76	3.08	0.643	3.00	4.13	3.95	2.68B	27
28	1.72B	28.2 B	9.08	6.42	4.90	2.44	2.21	0.851	3.43	3.82	4.63	2.65B	28
29	1.71B		9.73	6.82	4.77	2.17	2.02	0.853	3.05	3.80	4.21	2.62B	29
30	1.70B		15.7	7.06	4.95	2.02	1.94	0.970	2.95	3.81	3.50	2.58B	30
31	1.70B		24.1		4.78		1.49	0.857		3.82		2.53B	31
TOTAL	62.36	299.39	348.67	334.01	225.98	95.85	45.493	31.537	12 .15	133.44	105.68	101.33	TOTAL
MEAN	2.01	10.7	11.2	11.1	7.29	3.20	1.47	1.02	4.24	4.30	3.52	3.27	MEAN
MAX	2.61	38.8	24.4	25.6	17.5	4.38	3.08	1.82	9.31	6.89	4.63	4.35	MAX
MIN	1.70	1.73	6.90	6.42	4.50	2.02	0.829	0.537	1.15	2.65	3.03	2.53	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.24
MAXIMUM DAILY, 38.8B ON FEB 25
MINIMUM DAILY, 0.537 ON AUG 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 47 07 N
LONG 77 08 18 W
DRAINAGE AREA, 443 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 390	JUL	3 930
FEB	25 900	AUG	2 720
MAR	30 100	SEP	11 000
APR	28 900	OCT	11 500
MAY	19 500	NOV	9 130
JUN	8 280	DEC	8 750

TOTAL DISCHARGE, 165 000 dam³

JACKSONS CREEK AT PETERBOROUGH - STATION NO. 02HJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.370	0.263	4.76	2.05	0.648	0.529	0.484	0.191	0.173	0.192	2.68	1.67	1
2	0.366	0.297	3.20	2.20	0.562	0.426	0.312	0.187	0.095	0.185	2.34	1.58	2
3	0.340	0.297	2.04	2.07	0.519	0.379	0.279	0.175	0.129	0.181	1.96	1.44	3
4	0.321	0.291	1.87	1.86	0.477	0.329	0.363	0.184	0.813	0.198	1.58	1.24	4
5	0.306	0.281	1.48	1.60	0.450	0.295	0.283	0.148	0.832	0.211	1.26	1.06	5
6	0.292	0.251	1.16	1.39	0.415	0.276	0.250	0.113	1.25	0.367	1.21	0.817	6
7	0.301	0.269	1.02	1.19	0.384	0.223	0.225	0.101	1.41	0.367	0.985	0.801	7
8	0.285	0.277	1.02	1.04	0.349	0.209	0.202	0.137	1.63	0.399	0.885	0.683	8
9	0.279	0.263	1.05	0.922	0.314	0.191	0.187	0.320	1.55	0.502	0.846	0.505	9
10	0.291	0.265	1.06	0.845	0.385	0.228	0.165	0.239	1.64	0.532	0.768	0.462	10
11	0.294	0.814	1.05	0.909	0.789	0.194	0.150	0.200	1.58	0.514	0.716	0.445B	11
12	0.276	0.618	0.981	0.830	1.01	0.190	0.136	0.204	1.40	0.452	0.643	0.435B	12
13	0.263	0.770	0.951	0.798	1.41	0.183	0.131	0.176	1.17	0.400	0.574	0.428	13
14	0.250	0.894	0.837	1.07	1.86	0.190	0.108	0.157	1.35	0.360	0.532	0.426	14
15	0.240	0.832	0.857	0.953	1.92	0.582	0.104	0.561	1.07	0.324	0.517	0.423	15
16	0.236	0.946	0.815	0.938	1.64	1.07	0.109	0.333	0.664	0.289	1.05	0.411	16
17	0.235	1.44	0.692	1.13	1.33	1.49	0.108	0.283	0.468	0.276	2.24	0.373	17
18	0.243	3.35 B	0.516B	1.58	1.05	2.37	0.596	0.275	0.343	0.570	2.38	0.324	18
19	0.249	6.07 B	0.517	1.64	0.813	2.96	0.257	0.236	0.283	0.464	2.62	0.279	19
20	0.255	11.4 B	0.442	1.66	0.597	2.77	0.165	0.226	0.231	0.474	3.09	0.233	20
21	0.258	19.8 B	0.429	1.50	0.477	2.41	0.177	0.207	0.176	0.548	3.39	0.225	21
22	0.259	21.7	0.399	1.32	0.400	2.92	0.162	0.168	0.179	0.674	3.14	0.240	22
23	0.251	22.1	0.471	1.20	0.341	2.60	0.152	0.160	0.167	0.910	2.94	0.279	23
24	0.257	21.1	0.538	1.12	0.292	2.29	0.146	0.154	0.189	0.952	2.66	0.261	24
25	0.259	18.1	0.607	1.12	0.312	2.19	0.146	0.120	0.193	0.922	2.21	0.256	25
26	0.299	14.0	0.686	1.10	0.276	2.10	0.135	0.105	0.236	1.34	1.89	0.269	26
27	0.315	9.91	0.762	0.983	0.335	1.79	0.123	0.112	0.221	2.17	2.12	0.267	27
28	0.297	7.16	0.816	0.899	0.658	1.40	0.420	0.081	0.192	2.87	1.91	0.268	28
29	0.297		0.837	0.889	0.535	0.953	0.259	0.086	0.184	2.80	1.67	0.281	29
30	0.275		1.24	0.766	0.634	0.650	0.218	0.081	0.178	2.93	1.73	0.281	30
31	0.263		1.68		0.616		0.204	0.107		2.90		0.275	31
TOTAL	8.722	163.758	54.783	37.572	21.798	34.387	6.756	5.827	19.996	26.273	52.536	16.937	TOTAL
MEAN	0.281	5.85	1.12	1.25	0.703	1.15	0.218	0.188	0.667	0.848	1.75	0.546	MEAN
MAX	0.370	22.1	4.76	2.20	1.92	2.96	0.596	0.561	1.64	2.93	3.39	1.67	MAX
MIN	0.235	0.251	0.399	0.766	0.276	0.183	0.104	0.081	0.095	0.181	0.517	0.225	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.18
MAXIMUM DAILY, 22.1 ON FEB 23
MINIMUM DAILY, 0.081 ON AUG 28
MAXIMUM INSTANTANEOUS,
24.3 AT 14:00 EST ON FEB 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 18 10 N
LONG 78 19 14 W
DRAINAGE AREA, 110 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	754	JUL	584
FEB	14 100	AUG	503
MAR	3 010	SEP	1 730
APR	3 250	OCT	2 270
MAY	1 880	NOV	4 540
JUN	2 970	DEC	1 460

TOTAL DISCHARGE, 37 100 dam³

JOCK RIVER NEAR RICHMOND - STATION NO. 02LA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.69 B	0.838B	28.2	10.8	3.86	10.1	5.34	1.30	0.731	8.17	22.2	5.99B	1
2	1.63 B	0.805B	23.5	12.0	3.49	7.67	6.07	1.14	0.785	7.38	18.8	5.85B	2
3	1.59 B	0.830B	16.8	10.8	3.19	6.10	5.97	1.03	0.790	6.99	16.0	5.80	3
4	1.54 B	0.870B	12.3	10.8	2.89	5.41	5.13	0.908	0.776	6.71	13.8	5.92	4
5	1.50 B	0.858B	10.8	13.1	2.50	6.21	4.34	2.52	0.805	6.23	12.0	5.83B	5
6	1.47 B	0.841B	8.27	12.2	2.24	7.08	4.01	2.51	0.903	6.19	12.0	4.43B	6
7	1.41 B	0.758B	7.32	10.4	2.18	7.01	3.60	1.58	0.931	9.61	14.8	7.47B	7
8	1.35 B	0.695B	6.75	8.70	1.99	6.42	2.90	1.12	1.39	11.8	15.7	4.69	8
9	1.29 B	0.650B	6.74	7.78	1.84	5.99	2.59	0.959	6.65	11.7	15.6	3.67	9
10	1.25 B	0.625B	6.75	7.55	1.76	5.78	2.62	0.959	15.7	10.6	13.8	3.10	10
11	1.20 B	1.42 B	6.82	7.29	2.48	5.25	2.99	0.950	28.0	9.04	11.9	2.92	11
12	1.15 B	4.60 B	6.83	6.75	7.98	4.50	3.41	1.02	36.5	7.73	10.5	2.94	12
13	1.11 B	4.98 B	6.75	5.81	10.1	3.99	3.40	0.992	37.7	6.69	8.87	2.86	13
14	1.06 B	5.28 B	5.88	5.35	8.40	3.50	3.01	0.986	33.6	6.20	8.26	2.83	14
15	1.01 B	5.50 B	5.58	5.27	7.10	3.21	2.80	1.35	28.5	5.64	7.71	2.80	15
16	0.975B	5.65 B	5.75	4.84	11.1	4.06	2.67	2.70	23.7	5.23	7.62	2.82	16
17	0.935B	11.0 B	4.61	4.49	12.2	7.07	2.55	3.36	19.2	5.20	7.47	2.52	17
18	0.910B	25.0 B	3.99	4.88	9.29	5.63	2.40	3.32	15.6	5.30	7.34	2.47	18
19	0.890B	38.1 B	3.61	5.18	6.95	4.15	2.31	3.08	12.6	5.67	7.11	2.10	19
20	0.865B	53.9 B	3.29	4.72	5.35	3.42	2.35	2.60	10.2	6.01	7.16	1.82	20
21	0.845B	88.6 B	2.88	4.17	4.24	2.98	3.34	2.16	8.34	6.07	9.73	1.59	21
22	0.830B	100 B	2.86	3.72	3.59	10.9	3.93	1.75	7.01	6.16	12.4	1.48	22
23	0.810B	98.0 B	3.30	3.46	3.12	23.7	3.64	1.46	7.56	12.0	11.4	1.48	23
24	0.792B	108 B	3.87	3.75	2.71	22.1	3.00	1.23	11.3	15.5	8.77	1.45	24
25	0.770B	92.0 B	4.44	4.34	2.39	17.8	2.44	1.11	10.9	14.3	7.42	1.46	25
26	0.780B	70.7	4.86	4.43	2.24	13.0	2.06	0.940	9.53	15.4	6.36	1.50	26
27	0.805B	48.3	5.27	4.15	2.08	9.50	1.79	0.751	11.1	23.5	6.40	1.51	27
28	0.835B	36.6	5.71	3.73	10.5	7.23	1.64	0.677	12.4	42.7	8.39	1.48	28
29	0.865B		5.92	3.72	17.7	5.81	1.57	0.620	11.2	41.6	7.80B	1.49	29
30	0.899B		6.98	4.12	16.3	4.86	1.55	0.612	9.53	34.4	6.68B	1.50	30
31	0.870B		10.1		13.4		1.46	[illegible]		27.2		1.48	31
TOTAL	33.926	805.400	236.73	198.30	185.16	230.43	96.88	[illegible]	373.931	386.92	323.99	95.25	TOTAL
MEAN	1.09	28.8	7.64	6.61	5.97	7.68	3.13	[illegible]	12.5	12.5	10.8	3.07	MEAN
MAX	1.69	108	28.2	13.1	17.7	23.7	6.07	3.36	37.7	42.7	22.2	7.47	MAX
MIN	0.770	0.625	2.86	3.46	1.76	2.98	1.46	0.612	0.731	5.20	6.36	1.45	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.26
MAXIMUM DAILY, 108B ON FEB 24
MINIMUM DAILY, 0.612 ON AUG 30
MAXIMUM INSTANTANEOUS,
111B AT 09:50 EST ON FEB 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 15 00 N
LONG 75 47 28 W
DRAINAGE AREA, 559 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 930	JUL	8 370
FEB	69 600	AUG	4 000
MAR	20 500	SEP	32 300
APR	17 100	OCT	33 400
MAY	16 000	NOV	28 000
JUN	19 900	DEC	8 230

TOTAL DISCHARGE, 260 000 dam³

JUNCTION CREEK AT SUDBURY - STATION NO. 02CF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.200B	0.157B	3.00 B	8.62	0.904	0.374	[illegible]07	0.099	3.18	1.51	0.706	0.411	1
2	0.197B	0.156B	2.00 B	7.78	0.718	0.319	0.922	0.158	2.67	1.57	0.674	1.24	2
3	0.194B	0.155B	1.60 B	6.29	0.668	0.302	0.733	0.176	1.82	1.37	0.669	0.894	3
4	0.192B	0.154B	1.25 B	10.3	0.734	0.294	1.03	1.16	3.95	1.19	0.673	0.680B	4
5	0.190B	0.152B	1.10 B	9.48	1.06	0.298	1.79	0.638	3.45	1.00	0.656	0.550B	5
6	0.187B	0.150B	0.930B	6.83	0.993	0.307	1.14	0.237	2.57	3.36	1.50	0.440B	6
7	0.185B	0.150B	0.820B	3.73	0.759	0.304	0.656	0.172	1.95	3.34	1.07	0.390B	7
8	0.182B	0.148B	0.770B	5.86	0.695	0.816	0.472	0.272	2.12	3.02	0.931	0.350B	8
9	0.180B	0.148B	0.740B	7.43	0.677	0.498	0.426	0.213	2.35	2.20	0.859	0.315B	9
10	0.178B	0.148B	0.680B	6.58	0.595	0.445	0.298	0.183	8.01	1.57	0.781	0.290B	10
11	0.176B	0.170B	0.630B	4.78	0.725	0.364	0.245	0.189	6.38	1.22	0.808	0.270B	11
12	0.174B	0.190B	0.620B	2.94	1.00	0.481	0.205	0.198	6.22	0.920	0.708	0.257	12
13	0.172B	0.205B	0.610B	1.97	0.840	0.387	0.202	0.402	4.51	0.849	0.746	0.246	13
14	0.169B	0.210B	0.560B	4.49	0.807	0.307	0.163	0.172	3.37	0.790	0.787	0.266	14
15	0.167B	0.210B	0.510B	3.79	0.753	0.897	0.146	0.185	2.11	1.12	0.762	0.301	15
16	0.166B	0.225B	0.440B	2.69	0.676	0.514	0.336	0.168	1.50	1.11	0.733	0.265B	16
17	0.164B	0.240B	0.380B	2.16	0.675	0.489	0.528	0.131	1.26	1.18	0.828	0.250B	17
18	0.162B	0.260B	0.370B	1.71	0.546	0.524	0.533	0.115	1.20	4.64	0.883	0.235B	18
19	0.160B	1.20 B	0.370B	1.36	0.569	0.452	0.219	0.126	1.17	3.79	0.743	0.225B	19
20	0.158B	1.60 B	0.472	1.13	0.579	0.409	0.149	0.098	1.13	3.76	0.639	0.215B	20
21	0.156B	2.50 B	0.650	0.940	0.555	0.394	0.178	0.106	0.798	2.97	0.565	0.220B	21
22	0.155B	4.00 B	1.39	0.939	0.527	1.42	0.132	0.096	0.713	2.02	0.530B	0.225B	22
23	0.154B	9.40 B	2.13	1.31	0.487	0.772	0.120	1.01	0.643	1.68	0.440B	0.230B	23
24	0.154B	10.6 B	3.00	1.45	0.446	2.38	0.128	0.604	0.519	1.75	0.410B	0.215B	24
25	0.170B	10.3 B	4.20	1.29	1.94	1.64	0.105	0.226	0.467	1.73	0.400B	0.205B	25
26	0.185B	9.60 B	4.15	1.08	1.14	1.16	0.115	0.181	0.688	1.70	0.443	0.195B	26
27	0.185B	6.70 B	4.03	0.918	0.825	1.77	0.105	0.227	0.791	1.50	0.687	0.185B	27
28	0.175B	4.80 B	3.61	1.02	0.731	0.775	0.135	0.132	0.572	1.10	0.598	0.180B	28
29	0.170B		4.27	1.88	0.674	1.60	0.154	0.895	0.554	0.902	0.533	0.175B	29
30	0.165B		6.32	1.19	0.791	1.69	0.116	1.43	0.722	0.806	0.475	0.170B	30
31	0.160B		6.44		0.497		0.104	0.737		0.769		0.165B	31
TOTAL	5.382	63.928	58.042	111.937	23.586	22.382	12.655	10.736	67.387	56.436	21.237	10.255	TOTAL
MEAN	0.174	2.28	1.87	3.73	0.761	0.746	0.408	0.346	2.25	1.82	0.708	0.331	MEAN
MAX	0.200	10.6	6.44	10.3	1.94	2.38	1.79	1.43	8.01	4.64	1.50	1.24	MAX
MIN	0.154	0.148	0.370	0.918	0.446	0.294	0.104	0.096	0.467	0.769	0.400	0.165	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.27
MAXIMUM DAILY, 10.6B ON FEB 24
MINIMUM DAILY, 0.096 ON AUG 22
MAXIMUM INSTANTANEOUS,
19.5 AT 01:41 EST ON SEP 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 29 20 N
LONG 80 59 45 W
DRAINAGE AREA, 89.1 km²

B - ICE CONDITIONS

REGULATED SINCE 1971

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	465	JUL	1 090
FEB	5 520	AUG	928
MAR	5 010	SEP	5 820
APR	9 670	OCT	4 880
MAY	2 040	NOV	1 830
JUN	1 930	DEC	886

TOTAL DISCHARGE, 40 100 dam³

JUNCTION CREEK BELOW KELLEY LAKE - STATION NO. 02CF012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.28	1.10	9.29	12.8	3.85	1.78	3.37	1.04	2.36	2.06	2.13	1.51	1
2	1.24	1.30	7.30	14.3	3.11	1.66	2.84	1.07	4.63	2.57	2.17	2.02	2
3	1.14	1.30	5.79	12.9	2.77	1.63	2.43	1.10	3.71	2.61	2.06	2.55	3
4	1.08	1.14	5.01	16.4	3.08	1.65	2.31	1.[illegible]	4.25	2.48	2.04	2.64	4
5	1.10	1.04	4.35	17.9	3.28	1.60	3.49	1.[illegible]	6.50	2.44	1.90	2.58	5
6	1.13	0.988	3.80	15.4	3.20	1.70	3.23	1.[illegible]	5.69	3.40	2.48	2.63	6
7	1.12	1.05	3.42	11.8	2.75	1.62	2.87	1.21	4.79	5.50	2.42	2.82	7
8	1.10	1.12	3.16	11.7	2.56	1.76	2.41	1.[illegible]	4.45	5.37	2.45	2.91	8
9	1.14	1.14	3.13	15.1	2.49	1.76	2.16	1.0[illegible]	4.18	4.69	2.44	2.78	9
10	1.20	1.24	3.18	15.1	2.52	1.57	1.91	0.994	10.9	3.82	2.26	2.57	10
11	1.16	1.48	3.10	14.2	2.39	1.41	1.77	0.922	10.3	3.22	2.24	2.41	11
12	1.03	1.31	3.05	11.8	2.52	1.39	1.71	0.803	10.5	2.82	1.97	2.32	12
13	0.974	1.16	2.92	9.50	2.64	1.44	1.75	1.03	8.91	2.56	1.83	2.22	13
14	0.918	1.09	2.67	10.3	2.76	1.41	1.63	0.857	7.39	2.44	1.82	2.23	14
15	0.919	1.07	2.57	11.3	2.61	1.66	1.50	0.846	5.66	2.59	1.92	2.47	15
16	0.954	1.15	2.50	10.1	2.54	1.76	1.32	0.802	4.05	2.70	1.99	2.41	16
17	0.955	1.56	2.39	8.95	2.20	1.71	1.42	0.657	3.02	2.58	2.17	2.23	17
18	0.932	2.07	2.13	7.81	2.10	1.62	1.49	0.612	2.37	4.89	2.19	2.12	18
19	0.923	3.30	2.06	6.71	2.16	1.62	1.29	0.624	2.41	7.03	2.11	2.01	19
20	0.907	5.31	2.09	5.84	1.93	1.58	1.21	0.651	2.32	7.31	2.20	1.90	20
21	0.915	7.32	2.30	5.00	1.73	1.52	1.28	0.675	2.29	6.98	1.73	1.87	21
22	0.915	8.82	2.83	4.58	1.76	2.05	1.11	0.698	2.21	5.57	1.63	1.85	22
23	0.942	14.0	4.06	4.42	1.67	2.14	1.15	0.901	1.94	4.33	1.69	1.80	23
24	0.975	20.3	5.16	4.22	1.61	2.65	1.21	1.63	1.64	3.75	1.71	1.76	24
25	1.01	19.4	6.59	3.99	2.44	4.27	1.20	1.36	1.48	3.42	1.66	1.73	25
26	1.03	16.7	7.84	3.69	2.91	3.68	1.28	1.11	1.35	3.58	1.79	1.77	26
27	1.06	14.2	7.94	3.42	2.62	3.37	1.20	1.10	1.36	3.40	1.99	1.79	27
28	1.05	11.7	7.80	3.03	2.46	2.80	1.22	0.99[illegible]	1.32	3.01	1.85	1.81	28
29	1.04		7.95	3.89	2.18	2.92	1.14	1.25	1.34	2.55	1.66	1.71	29
30	1.04		9.72	4.22	2.43	3.88	1.10	1.93	1.36	2.32	1.51	1.62	30
31	1.01		10.6		2.05		1.07	2.23		2.20		1.61	31
TOTAL	32.189	143.358	146.70	280.37	77.30	61.61	55.07	33.898	124.68	114.19	60.01	66.65	TOTAL
MEAN	1.04	5.12	4.73	9.35	2.49	2.05	1.78	1.09	4.16	3.68	2.00	2.15	MEAN
MAX	1.28	20.3	10.6	17.9	3.85	4.27	3.49	2.23	10.9	7.31	2.48	2.91	MAX
MIN	0.907	0.988	2.06	3.03	1.61	1.39	1.07	0.612	1.32	2.06	1.51	1.51	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.28
MAXIMUM DAILY, 20.3 ON FEB 24
MINIMUM DAILY, 0.612 ON AUG 18
MAXIMUM INSTANTANEOUS,
20.7 AT 22:03 EST ON FEB 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 25 39 N
LONG 81 05 50 W
DRAINAGE AREA, 207 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 780	JUL	4 760
FEB	12 400	AUG	2 930
MAR	12 700	SEP	10 800
APR	24 200	OCT	9 870
MAY	6 680	NOV	5 180
JUN	5 320	DEC	5 760

TOTAL DISCHARGE, 103 000 dam³

REMARKS - DATA PRIOR TO 1980 CONTRIBUTED BY ONT. MINISTRY OF THE ENVIRONMENT AND FORMERLY PUBLISHED UNDER STA. NO. 02CF106

KABINAKAGAMI RIVER AT HIGHWAY NO. 11 - STATION NO. 04JA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.5B	12.4B	16.8B	19.6B	129	126	54.3	22.6	9.30E	6.75E	10.5	9.00B	1
2	18.2B	12.3B	16.7B	24.0B	132	122	55.7	22.1	8.70E	6.65E	11.6	9.00B	2
3	17.8B	12.1B	16.4B	31.0B	136	119	56.3	21.2	8.20E	6.60E	12.1	9.00B	3
4	17.7B	12.0B	16.1B	37.0B	147	115	56.3	20.3	7.70E	6.65E	12.1	9.00B	4
5	17.2B	11.9B	15.8B	40.0B	176	112	56.1	19.5	7.50E	6.80E	12.1	9.00B	5
6	17.1B	11.8B	15.5B	42.0B	207	109	55.9	18.8	7.20E	6.93A	12.7	9.00B	6
7	17.0B	11.7B	15.2B	45.0B	220	105	53.9	18.3	7.00E	7.58	13.4	9.00B	7
8	16.9B	11.6B	15.0B	50.0B	224	104	51.8	18.0	6.70E	7.60	13.5	9.00B	8
9	16.7B	11.6B	14.7B	56.0B	224	105	49.9	17.8	6.70E	7.37	13.2	9.00B	9
10	16.4B	11.5B	14.4B	62.0B	219	105	47.1	17.6	6.80E	7.30	12.7	9.00B	10
11	16.2B	11.4B	14.3B	68.0B	211	102	44.7	17.2	6.90E	7.23	12.4	9.00B	11
12	15.9B	11.3B	14.1B	74.0B	202	98.8	42.9	16.7	7.00E	7.15	12.0	9.00B	12
13	15.7B	11.2B	14.0B	80.0B	195	95.3	42.4A	16.3	7.20E	7.44	11.6	8.95B	13
14	15.3B	11.2B	13.8B	87.0B	188	91.6	41.0E	15.9	7.40E	7.52	11.5	8.95B	14
15	15.2B	11.1B	13.7B	92.0B	182	92.0	38.5E	15.4	7.50E	7.68	11.4	8.95B	15
16	15.0B	11.1B	13.5B	97.0B	177	95.1	37.0E	14.9	7.60E	7.79	11.3	8.95B	16
17	14.9B	11.1B	13.3B	102 B	171	95.3	35.5E	14.1	7.60E	7.63	11.0	8.90B	17
18	14.7B	11.4B	13.1B	105 B	165	92.0	34.0E	13.5	7.60E	8.66	10.8	8.90B	18
19	14.5B	11.8B	12.9B	107 B	160	89.3	33.0E	13.2	7.60E	10.5	10.7	8.85B	19
20	14.3B	12.5B	12.8B	107 B	154	85.4	32.0E	12.9	7.55E	11.5	10.1	8.85B	20
21	14.1B	13.4B	12.7B	101 B	150	80.4	31.0E	12.6	7.50E	11.5	9.60B	8.80B	21
22	13.9B	14.4B	12.6B	99.1	146	76.2	29.8A	12.3	7.45E	11.1	9.40B	8.80B	22
23	13.8B	15.2B	12.5B	95.2	143	72.4	28.8	12.1	7.35E	10.9	9.26	8.80B	23
24	13.6B	16.0B	12.4B	97.0	140	69.3	28.0	12.0	7.20E	10.5	9.17	8.80B	24
25	13.4B	16.7B	12.4B	98.3	136	66.1	27.6	11.6	7.00E	10.2	9.10	8.80B	25
26	13.2B	16.9B	12.4B	98.8	138	63.6	27.5	11.1	6.95E	10.1	9.10B	8.75B	26
27	13.0B	17.0B	12.6B	103	138	60.5	26.5	10.8	6.90E	10.1	9.05B	8.70B	27
28	12.9B	17.0B	12.8B	110	136	58.2	25.6	10.6	6.90E	10.1	9.00B	8.65B	28
29	12.8B		13.0B	118	131	56.5	24.7	10.3	6.85E	9.87	9.00B	8.60B	29
30	12.6B		14.0B	125	130	54.8	23.8	10.1 A	6.80E	9.62	9.00B	8.60B	30
31	12.5B		16.0B		129		23.1	9.70E		9.64		8.60B	31
TOTAL	471.0	359.6	435.5	2 371.0	5 136	2 716.8	1 214.7	469.50	220.65	266.96	328.38	275.20	TOTAL
MEAN	15.2	12.8	14.0	79.0	166	90.6	39.2	15.1	7.36	8.61	10.9	8.88	MEAN
MAX	18.5	17.0	16.8	125	224	126	56.3	22.6	9.30	11.5	13.5	9.00	MAX
MIN	12.5	11.1	12.4	19.6	129	54.8	23.1	9.70	6.70	6.60	9.00	8.60	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 39.1
MAXIMUM DAILY, 224 ON MAY 8
MINIMUM DAILY, 6.60E ON OCT 3
MAXIMUM INSTANTANEOUS,
225 AT 06:44 EST ON MAY 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 44 39 N
LONG 84 06 13 W
DRAINAGE AREA, 3 780 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	40 700	JUL	105 000
FEB	31 100	AUG	40 600
MAR	37 600	SEP	19 100
APR	205 000	OCT	23 100
MAY	444 000	NOV	28 400
JUN	235 000	DEC	23 800

TOTAL DISCHARGE, 1 230 000 dam³

KAMINISTIKWIA RIVER AT KAKABEKA FALLS POWERHOUSE - STATION NO. 02AB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	45.8	47.3	47.3	59.8	103	46.2	86.0	27.9	18.2	18.1	31.8	30.7	1
2	45.8	47.3	47.3	67.1	101	81.0	82.7	24.0	17.3	17.9	27.0	31.4	2
3	45.8	47.3	47.3	82.7	129	140	80.2	19.0	17.4	18.3	31.8	31.4	3
4	45.8	47.3	47.3	60.8	126	142	77.2	20.1	17.3	17.9	34.4	31.1	4
5	46.3	48.3	47.3	53.8	108	124	72.8	22.1	17.3	18.7	32.5	21.9	5
6	46.3	48.8	47.6	48.8	94.4	127	74.4	19.1	17.3	19.0	32.5	19.2	6
7	45.8	47.4	47.3	54.5	84.0	137	72.8	19.3	17.3	18.1	19.8	26.9	7
8	45.8	47.3	47.9	85.9	76.8	140	64.7	19.6	29.8	19.2	19.0	40.2	8
9	45.3	47.3	47.3	104	75.2	146	58.3	18.7	31.4	18.0	22.3	45.6	9
10	46.1	47.3	47.3	136	71.1	150	52.7	17.3	18.9	18.8	27.7	46.0	10
11	45.8	46.8	47.3	164	67.9	138	51.3	18.1	17.4	20.4	32.5	46.0	11
12	46.3	47.3	47.3	140	66.2	127	51.9	18.6	17.4	18.3	33.1	45.7	12
13	45.8	46.3	47.3	133	85.4	120	50.2	19.5	17.9	17.9	36.7	46.0	13
14	46.1	47.3	47.3	138	83.2	122	47.1	19.7	17.7	21.3	42.6	46.0	14
15	47.3	46.8	47.3	110	79.5	127	46.0	17.4	17.9	20.2	41.8	46.0	15
16	45.8	46.2	47.3	104	75.5	122	46.7	17.4	18.1	20.4	41.9	46.0	16
17	45.8	46.5	47.3	140	73.2	114	49.7	17.4	17.8	21.4	41.9	45.8	17
18	45.8	46.8	47.3	142	76.4	113	50.4	17.3	17.9	21.6	41.9	45.7	18
19	46.9	47.3	47.9	112	56.9	112	52.1	17.8	19.1	20.3	42.8	44.6	19
20	45.8	46.3	47.4	96.3	53.2	110	49.9	17.7	19.6	23.4	34.7	43.9	20
21	46.6	47.3	47.3	81.9	51.6	109	48.3	17.3	17.9	20.6	35.4	46.4	21
22	46.3	47.6	47.3	66.5	52.8	105	47.3	17.3	17.7	21.0	41.1	46.3	22
23	47.8	47.1	48.1	89.3	45.1	98.8	45.4	17.6	18.0	25.6	43.0	33.2	23
24	50.9	47.3	47.3	84.0	43.9	86.3	48.4	17.2	19.4	29.4	42.6	24.8	24
25	47.4	47.3	47.3	84.0	52.4	88.4	49.9	17.6	18.8	31.7	36.6	25.7	25
26	47.3	47.3	47.3	72.7	52.4	90.7	49.1	17.7	19.8	22.7	43.2	26.7	26
27	47.3	47.3	47.3	66.1	47.0	85.9	49.6	18.4	19.3	18.9	43.9	27.1	27
28	44.5	47.4	48.0	86.0	45.6	84.1	48.8	17.6	17.9	17.6	28.4	26.8	28
29	48.5		55.2	111	46.9	85.1	47.6	17.4	18.8	17.8	22.0	26.8	29
30	47.3		50.6	104	49.7	82.4	42.7	17.3	18.3	19.0	26.2	26.8	30
31	47.3		47.7		48.6		36.6	17.4		20.1		26.8	31
TOTAL	1 441.4	1 321.8	1 481.0	2 878.2	2 221.9	3 353.9	1 730.8	580.8	568.9	641.6	1 031.1	1 117.5	TOTAL
MEAN	46.5	47.2	47.8	95.9	71.7	112	55.8	18.7	19.0	20.7	34.4	36.0	MEAN
MAX	50.9	48.8	55.2	164	129	150	86.0	27.9	31.4	31.7	43.9	46.4	MAX
MIN	44.5	46.2	47.3	48.8	43.9	46.2	36.6	17.2	17.3	17.6	19.0	19.2	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 50.3
MAXIMUM DAILY, 164 ON APR 11
MINIMUM DAILY, 17.2 ON AUG 24

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 24 56 N
LONG 89 37 51 W
DRAINAGE AREA, 6 710 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	125 000	JUL	150 000
FEB	114 000	AUG	50 200
MAR	128 000	SEP	49 200
APR	249 000	OCT	55 400
MAY	192 000	NOV	89 100
JUN	290 000	DEC	96 600

TOTAL DISCHARGE, 1 590 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

KAMINISTIKWIA RIVER AT KAMINISTIKWIA - STATION NO. 02AB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	50.3B	52.5B	53.7	54.1	112	47.5	92.2	28.4	17.9	21.6	34.2	35.4	1
2	50.2B	52.7B	52.1	58.2	112	66.3	89.3	24.3	18.7	22.1	32.2	36.6	2
3	50.1B	53.2B	54.0	70.0	127	125	88.1	23.6	18.3	25.0	39.4	35.1	3
4	50.1B	53.0B	52.6	54.9	125	141	83.9	23.9	18.6	21.9	38.2	34.8	4
5	51.2B	53.5B	54.4	51.3	112	128	80.8	23.6	18.0	22.5	37.9	22.4	5
6	51.5B	23.9B	54.9	48.1	101	144	79.0	22.3	18.0	21.8	34.1	24.4	6
7	50.0B	53.5B	55.2	52.0	91.2	149	77.8	19.9	18.8	22.3	22.1	32.6	7
8	50.5B	52.3B	54.5	76.7	84.9	153	72.5	20.3	23.8	21.6	23.0	46.9	8
9	50.0B	52.0B	54.5	85.0	78.8	158	62.6	22.0	35.2	22.8	23.0	51.2	9
10	51.0B	51.9B	54.5	108	76.9	159	60.9	20.5	19.4	23.4	38.8	50.9	10
11	50.0B	51.2B	54.6	139	74.4	148	59.7	20.4	17.8	21.1	38.9	51.2	11
12	51.0B	52.2B	53.2	126	74.3	140	58.7	20.4	18.0	22.4	39.2	51.8	12
13	51.3B	50.8B	53.0	118	89.7	134	57.3	20.9	19.2	23.2	43.7	51.9	13
14	50.0B	52.0B	53.8	120	90.9	135	54.0	20.2	20.8	22.0	45.4	51.4	14
15	52.0B	51.0B	53.4	105	85.8	138	53.8	20.7	22.2	24.0	45.1	51.0	15
16	50.2B	50.8B	53.7	98.1	81.8	135	56.6	21.2	20.8	23.8	45.2	50.5	16
17	50.5B	50.7	53.6	116	79.6	129	56.1	21.3	20.1	24.2	46.3	50.0	17
18	50.5B	52.9	54.0	124	81.0	126	57.4	19.9	20.8	24.2	46.8	50.3	18
19	51.7B	52.2	53.2	110	64.1	121	58.7	19.8	21.1	22.3	46.0	49.3B	19
20	50.5B	51.3	52.2	93.2	55.7	118	56.3	18.7	22.2	25.4	32.4	50.0B	20
21	52.3	53.1	54.0	78.8	58.3	117	55.2	[illegible]5	24.1	21.1	45.0	51.3B	21
22	53.7	53.4	52.7	68.4	52.8	115	55.6	18.5	22.1	25.9	44.8	50.1	22
23	55.3	51.8	54.7	69.4	44.3	99.9	56.2	18.6	22.3	28.9	45.3	32.5	23
24	53.4	52.1	52.9	85.8	43.9	93.6	56.4	19.8	21.7	35.5	43.2	29.3	24
25	53.8	53.4	52.3	82.7	52.6	95.3	56.9	20.1	20.9	38.9	42.5	29.7B	25
26	53.1	53.2	52.9	74.9	47.4	95.9	57.3	20.8	21.3	24.0	46.8	30.2B	26
27	53.7	53.9	52.6	69.9	43.7	93.8	57.6	18.5	21.2	23.1	46.7	30.8B	27
28	49.6	52.8	52.2	96.7	46.4	91.9	56.8	18.2	21.8	22.9	27.8	31.3B	28
29	55.7		53.9	146	48.4	92.8	55.3	18.6	21.3	22.0	26.1	31.4B	29
30	50.7B		47.0	144	49.2	93.9	47.4	18.9	21.8	22.5	33.6	31.1B	30
31	52.2B		49.3		48.6		40.8	19.1		37.2		30.5B	31
TOTAL	1 596.1	1 437.3	1 649.6	2 724.2	2 333.7	3 583.9	1 951.2	642.1	628.2	759.6	1 153.7	1 255.9	TOTAL
MEAN	51.5	51.3	53.2	90.8	75.3	119	62.9	20.7	20.9	24.5	38.5	40.5	MEAN
MAX	55.7	53.9	55.2	146	127	159	92.2	28.4	35.2	38.9	46.8	51.9	MAX
MIN	49.6	23.9	47.0	48.1	43.7	47.5	40.8	18.2	17.8	21.1	22.1	22.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 54.0
MAXIMUM DAILY, 159 ON JUN 10
MINIMUM DAILY, 17.8 ON SEP 11
MAXIMUM INSTANTANEOUS,
160 AT 12:04 EST ON APR 30

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 31 58 N
LONG 89 35 39 W
DRAINAGE AREA, 6 480 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	138 000	JUL	169 000
FEB	124 000	AUG	55 500
MAR	143 000	SEP	54 300
APR	235 000	OCT	65 600
MAY	202 000	NOV	99 700
JUN	310 000	DEC	109 000

TOTAL DISCHARGE, 1 710 000 dam³

KAMINISTIKWIA RIVER AT OUTLET OF DOG LAKE - STATION NO. 02AB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	39.4	46.1	44.3	7.60	26.5	20.6	55.4	14.4	11.9	18.6	20.6	30.7	1
2	41.2	45.7	43.1	0	23.9	16.5	55.2	14.3	13.2	18.6	33.4	31.6	2
3	41.4	45.6	45.9	0	13.7	42.8	55.3	14.8	14.1	21.3	32.8	31.3	3
4	41.2	46.5	42.7	0	0	56.4	55.2	13.2	10.8	15.3	32.2	22.6	4
5	40.9	46.6	45.7	12.8	0	60.8	55.5	10.5	14.3	17.4	32.2	16.4	5
6	41.5	45.5	45.0	0	0	75.5	55.1	15.3	13.3	12.8	21.5	21.1	6
7	40.8	45.8	46.2	14.0	0.800	75.4	55.1	15.2	11.6	13.3	12.6	38.8	7
8	41.3	45.8	44.8	0	1.90	75.4	46.5	11.9	31.6	16.1	16.6	44.4	8
9	41.3	44.9	45.3	0	0	75.6	41.6	17.7	23.2	13.8	23.5	44.6	9
10	41.3	46.3	45.3	0	0	76.1	41.4	12.2	13.7	14.0	34.0	44.6	10
11	41.3	45.7	45.4	0	0	75.9	41.5	15.6	12.4	17.7	36.2	44.7	11
12	41.1	44.7	43.5	0	18.0	76.2	41.4	15.3	14.4	12.8	34.6	44.6	12
13	41.4	44.9	44.8	0	23.3	75.4	40.7	11.3	17.3	16.0	41.3	44.6	13
14	42.6	44.6	44.9	0	24.4	75.6	40.1	14.8	17.4	8.70	41.3	44.4	14
15	42.6	45.6	43.9	0	24.0	76.1	43.1	14.5	16.7	13.6	41.3	44.6	15
16	42.7	44.2	45.9	0	24.4	75.8	44.8	17.1	14.6	14.6	41.3	44.4	16
17	42.5	42.8	45.3	0	26.4	75.5	44.4	14.7	18.0	7.80	42.7	44.4	17
18	42.3	45.3	45.5	0	26.4	75.9	46.9	15.8	18.7	3.70	42.8	44.0	18
19	42.4	42.7	44.2	0	11.4	75.7	46.5	11.0	16.1	9.90	39.2	44.2	19
20	42.6	43.4	44.5	0	19.6	75.2	44.2	14.3	19.9	3.40	31.4	44.4	20
21	42.8	44.4	45.1	0	17.4	74.8	44.5	13.8	18.8	10.8	43.2	43.9	21
22	45 2	43.9	44.9	0	18.7	65.8	45.3	10.6	17.3	16.3	43.2	37.5	22
23	46.4	41.2	45.0	0	21.9	55.1	45.9	16.0	19.8	21.6	43.1	21.3	23
24	44.8	43.3	43.3	0	20.3	55.2	45.8	12.9	16.7	31.0	36.4	23.7	24
25	44.1	43.7	42.7	0	7.80	55.4	46.2	16.1	19.8	24.9	43.4	23.4	25
26	44.2	43.7	43.7	0	3.40	55.1	47.4	17.1	14.2	13.5	43.5	23.9	26
27	43.1	45.0	38.0	0	9.00	55.2	46.6	9.60	17.1	14.1	34.6	23.4	27
28	42.9	42.8	37.6	22.1	12.1	55.3	46.7	15.7	17.5	13.1	21.6	23.7	28
29	46.5		30.0	27.9	18.3	55.3	44.6	12.2	18.4	13.8	23.6	23.3	29
30	44.5		17.7	24.6	18.1	55.3	33.1	13.9	15.9	21.0	31.1	23.9	30
31	45.3		24.6		20.5		27.6	13.9		29.9		25.1	31
TOTAL	1 321.6	1 250.7	1 308.8	109.00	432.200	1 914.9	1 423.6	435.70	498.7	479.40	1 015.2	1 063.5	TOTAL
MEAN	42.6	44.7	42.2	3.63	13.9	63.8	45.9	14.1	16.6	15.5	33.8	34.3	MEAN
MAX	46.5	46.6	46.2	27.9	26.5	76.2	55.5	17.7	31.6	31.0	43.5	44.7	MAX
MIN	39.4	41.2	17.7	0	0	16.5	27.6	9.60	10.8	3.40	12.6	16.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.8
MAXIMUM DAILY, 76.2 ON JUN 12
MINIMUM DAILY, 0 ON APR 2

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 42 30 N
LONG 89 38 00 W
DRAINAGE AREA, 3 760 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	114 000	JUL	123 000
FEB	108 000	AUG	37 600
MAR	113 000	SEP	43 100
APR	9 420	OCT	41 400
MAY	37 300	NOV	87 700
JUN	165 000	DEC	91 900

TOTAL DISCHARGE, 971 000 dam³

KAPUSKASING RIVER AT KAPUSKASING - STATION NO. 04LP001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.1	14.4	18.7	43.6	290	127	61.8	10.7	10.3	5.07	28.6	20.4	1
2	18.7	14.4	18.7	61.6	280	120	64.4	17.0	6.23	3.54	25.8	21.1	2
3	9.68	10.1	25.8	78.2	282	121	60.3	6.97	7.39	4.67	30.6	21.0	3
4	14.1	7.08	18.3	88.1	366	120	60.3	10.2	6.23	4.64	32.6	19.2	4
5	9.51	9.68	21.1	76.5	547	114	57.3	9.17	0.708	5.01	35.7	17.9	5
6	17.1	9.68	14.1	85.3	558	114	60.3	9.12	10.6	6.17	39.1	18.1	6
7	11.7	11.0	22.7	101	543	106	58.0	9.17	4.90	9.51	48.1	20.2	7
8	18.7	11.0	11.3	112	530	107	55.0	5.38	2.83	8.38	48.1	18.0	8
9	10.5	11.9	21.7	128	476	111	55.2	10.7	5.58	14.5	43.6	20.7	9
10	11.3	11.9	18.1	149	420	110	45.0	8.81	5.58	20.4	44.0	20.7	10
11	17.2	11.9	18.1	153	371	109	44.3	8.38	5.58	22.9	38.4	20.7	11
12	2.49	11.9	18.1	160	347	109	42.0	8.44	5.58	21.1	36.8	13.3	12
13	20.7	11.9	6.54	176	332	109	41.3	8.44	5.58	16.6	37.3	20.7	13
14	15.3	11.9	18.4	208	343	109	36.8	9.20	6.00	19.8	35.9	20.7	14
15	13.6	11.9	10.6	214	331	109	42.0	10.8	9.60	19.9	35.0	18.7	15
16	11.5	11.9	18.1	224	313	106	41.3	9.20	8.69	18.7	34.0	17.2	16
17	15.1	14.8	17.0	224	291	109	39.3	9.49	7.76	19.7	29.6	13.7	17
18	9.12	15.3	6.97	244	253	102	37.5	7.79	7.33	22.7	32.6	18.0	18
19	18.4	15.3	6.97	244	223	110	34.5	7.79	7.31	31.1	30.6	12.5	19
20	0.623	15.3	19.1	233	206	109	32.2	7.79	6.94	30.0	29.6	13.8	20
21	18.5	15.3	11.4	224	197	96.6	30.2	5.80	4.90	34.5	28.6	16.8	21
22	16.3	15.3	10.6	210	171	81.8	24.8	7.67	7.73	34.5	28.6	15.1	22
23	15.3	15.3	18.0	208	170	83.3	25.6	7.79	5.61	32.2	26.6	13.5	23
24	6.97	17.0	10.6	217	160	71.4	25.6	5.38	5.30	29.8	23.6	18.0	24
25	14.4	17.0	15.1	215	154	69.1	25.4	2.94	5.61	32.6	24.6	13.3	25
26	14.4	17.5	14.3	210	150	68.0	24.6	2.94	4.87	30.6	24.6	15.1	26
27	14.4	17.5	21.8	239	160	62.4	24.2	5.38	6.00	28.6	24.6	13.7	27
28	14.4	18.7	23.9	244	165	63.6	19.5	3.96E	5.61	28.6	24.2	13.6	28
29	14.4		25.2	272	159	62.1	22.6	2.55	5.27	24.6	21.0	14.8	29
30	14.4		25.2	290	151	67.5	11.2	2.55	5.47	26.6	21.0	13.6	30
31	14.4		40.7		139		16.3	5.38		28.8		14.0	31
TOTAL	417.293	376.84	547.18	5 332.3	9 078	2 956.8	1 218.8	236.88	187.088	635.79	963.4	527.7	TOTAL
MEAN	13.5	13.5	17.7	178	293	98.6	39.3	7.64	6.24	20.5	32.1	17.0	MEAN
MAX	20.7	18.7	40.7	290	558	127	64.4	17.0	10.6	34.5	48.1	21.1	MAX
MIN	0.623	7.08	6.54	43.6	139	62.1	11.2	2.55	0.708	3.54	21.0	12.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 61.6
MAXIMUM DAILY, 558 ON MAY 6
MINIMUM DAILY, 0.623 ON JAN 20

DATA CONTRIBUTED BY -
SPRUCE FALLS POWER AND PAPER COMPANY

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 25 04 N
LONG 82 26 15 W
DRAINAGE AREA, 6 760 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	36 100	JUL	105 000
FEB	32 600	AUG	20 500
MAR	47 300	SEP	16 200
APR	461 000	OCT	54 900
MAY	784 000	NOV	83 200
JUN	255 000	DEC	45 600

TOTAL DISCHARGE, 1 940 000 dam³

KASHABOWIE RIVER AT OUTLET OF KASHABOWIE LAKE - STATION NO. 02AB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.26	6.00	4.29	2.85	11.8	1.28	8.22	1.50E	0.150E	0.150E	0.150E	5.30	1
2	2.27	5.93	4.22	2.98	12.2	1.28	8.16	1.50E	0.150E	0.150E	0.150E	5.40	2
3	2.28	5.86	4.13	1.81	12.6	1.28	6.70	1.50E	0.150E	0.150E	0.150E	5.18	3
4	2.29	5.79	4.05	0.300	12.9	1.28	5.30	1.50E	0.150E	0.150E	0.150E	5.25	4
5	2.29	5.72	3.97	0.300	13.2	1.28	5.30	1.50E	0.150E	0.150E	0.150E	5.32	5
6	2.29	5.65	3.89	0.300	14.3	3.52	5.25	1.50E	0.150E	0.150E	0.150E	5.40	6
7	2.29	5.58	3.81	0.300	16.3	5.58	5.20	1.50E	0.150E	0.150E	0.150E	5.40	7
8	2.29	5.50	3.73	0.300	17.7	5.73	5.07	1.50E	0.150E	0.150E	0.150E	5.40	8
9	2.29	5.44	3.66	0.300	17.1	5.88	4.93	1.50E	0.150E	0.150E	0.150E	5.40	9
10	2.29	5.38	3.59	0.300	16.5	6.08	4.80	1.50E	0.150E	0.150E	0.150E	5.40	10
11	2.29	5.33	3 52	0.300	16.2	6.28	4.70	1.50E	0.150E	0.150E	0.150E	5.40	11
12	2.29	5.27	3.46	0.300	16.0	6.35	4.60	1.50E	0.150E	0.150E	0.150E	5.40	12
13	2.29	5.22	3.40	0.580	15.8	6.42	3.27	1.50E	0.150E	0.150E	0.150E	5.40	13
14	4.64	5.16	3.34	0.860	15.6	6.49	1.50	1.50E	0.150E	0.150E	0.150E	5.37	14
15	7.66	5.10	3.28	1.14	15.5	6.41	1.50	1.50E	0.150E	0.150E	0.150E	5.33	15
16	7.58	5.05	3.21	1.42	15.3	6.33	1.50	1.50E	0.150E	0.150E	0.150E	5.30	16
17	7.50	5.00	3.14	1.71	15.1	6.25	1.50	1.50E	0.150E	0.150E	0.150E	5.27	17
18	7.42	4.96	3.07	2.00	12.1	6.17	1.50	1.50E	0.150E	0.150E	0.150E	5.25	18
19	7.28	4.91	3.01	2.29	10.9	7.45	1.50	1.50E	0.150E	0.150E	0.150E	5.22	19
20	7.14	4.86	2.95	2.47	12.0	9.49	1.50	1.50E	0.150E	0.150E	0.150E	5.20	20
21	7.00	4.82	2.89	2.65	11.4	9.44	1.50	1.50E	0.150E	0.150E	0.150E	5.20	21
22	6.86	4.77	2.83	2.83	7.01	9.35	1.50	1.50E	0.150E	0.150E	0.150E	5.20	22
23	6.72	4.70	2.77	3.01	4.10	8.76	1.50	1.50E	0.150E	0.150E	0.150E	5.20	23
24	6.59	4.63	2.72	3.54	3.20	8.71	1.50	1.50E	0.150E	0.150E	0.150E	5.22	24
25	6.46	4.57	2.67	4.07	3.20	8.66	1.50	1.50E	0.150E	0.150E	0.150E	5.25	25
26	6.39	4.50	2.62	4.60	3.20	8.61	1.50	1.50E	0.150E	0.150E	0.150E	5.27	26
27	6.32	4.43	2.57	9.28	3.20	8.56	1.50	1.50E	0.150E	0.150E	3.65	5.30	27
28	6.25	4.36	2.52	11.5	3.20	8.52	1.50	1.50E	0.150E	0.150E	6.00	5.30	28
29	6.18		2.47	11.3	1.28	8.40	1.50	1.50E	0.150E	0.150E	5.70	5.30	29
30	6.12		2.59	11.5	1.28	8.28	1.50	1.50E	0.150E	0.150E	5.50	5.30	30
31	6.06		2.72		1.28		1.50	1.50E		0.150E		5.30	31
TOTAL	149.88	144.49	101.09	87.090	331.45	188.12	98.50	46.50	4.500	4.650	24.750	164.43	TOTAL
MEAN	4.83	5.16	3.26	2.90	10.7	6.27	3.18	1.50	0.150	0.150	0.825	5.30	MEAN
MAX	7.66	6.00	4.29	11.5	17.7	9.49	8.22	1.50	0.150	0.150	6.00	5.40	MAX
MIN	2.26	4.36	2.47	0.300	1.28	1.28	1.50	1.50	0.150	0.150	0.150	5.18	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.69
MAXIMUM DAILY, 17.7 ON MAY 8
MINIMUM DAILY, 0.150E ON SEP 1

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 39 25 N
LONG 90 25 03 W
DRAINAGE AREA, 526 km²

E - ESTIMATED
REGULATED SINCE 1953

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 900	JUL	8 510
FEB	12 500	AUG	4 020
MAR	8 730	SEP	389
APR	7 520	OCT	402
MAY	28 600	NOV	2 140
JUN	16 300	DEC	14 200

TOTAL DISCHARGE, 116 000 dam³

KAWINOGANS RIVER NEAR PICKLE CROW - STATION NO. 04FA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.15B	3.30B	3.03B	2.91B	13.3	18.2	13.1	3.86	2.44	2.48	3.48	3.74B	1
2	4.14B	3.27B	3.00B	2.93B	15.0	17.6	12.7	3.78	2.45	2.49	3.57	3.72B	2
3	4.12B	3.24B	2.98B	2.95B	18.4	16.9	12.5	3.72	2.44	2.48	3.62	3.70B	3
4	4.08B	3.22B	2.96B	2.97B	22.9	15.8	13.1	3.66	2.39	2.48	3.63	3.68B	4
5	4.06B	3.19B	2.94B	2.99B	25.5	15.2	12.5	3.56	2.39	2.48	3.59	3.65B	5
6	4.05B	3.16B	2.92B	3.02B	25.7	14.6	12.4	3.60	2.38	2.49	3.57	3.63B	6
7	4.03B	3.14B	2.90B	3.05B	27.5	13.5	12.2	3.61	2.43	2.49	3.56	3.61B	7
8	4.01B	3.11B	2.88B	3.10B	29.0	14.3	11.3	3.58	2.42	2.47	3.50	3.60B	8
9	3.98B	3.09B	2.86B	3.15B	28.2	16.4	10.3	3.57	2.45	2.49	3.42	3.58B	9
10	3.96B	3.06B	2.84B	3.20B	27.8	16.5	9.74	3.53	2.46	2.51	3.43	3.56B	10
11	3.93B	3.03B	2.83B	3.26B	28.0	15.5	9.47	3.52	2.47	2.52	3.41	3.54B	11
12	3.90B	3.01B	2.82B	3.32B	27.9	14.9	8.15	3.40	2.46	2.52	3.41	3.52B	12
13	3.87B	3.00B	2.81B	3.38B	27.1	14.5	7.62	3.36	2.44	2.58	3.44	3.51B	13
14	3.85B	2.98B	2.80B	3.44B	27.3	14.9	6.86	3.45	2.43	2.55	3.49	3.50B	14
15	3.81B	3.00B	2.79B	3.52B	26.7	16.6	5.97	3.34	2.40	2.53	3.61	3.49B	15
16	3.79B	3.10B	2.78B	3.60B	25.7	17.5	6.16	3.34	2.40	2.54	3.89	3.47B	16
17	3.77B	3.26B	2.77B	3.69B	24.3	18.7	6.03	3.21	2.43	2.55	4.25	3.45B	17
18	3.75B	3.33B	2.77B	3.78B	23.7	18.9	6.02	3.13	2.41	2.70	4.38	3.43B	18
19	3.72B	3.36B	2.79B	3.88B	22.2	19.0	5.41	3.05	2.37	2.78	4.37	3.41B	19
20	3.70B	3.34B	2.87B	4.00B	21.2	18.6	5.10	2.97	2.36	2.79	4.32	3.40B	20
21	3.67B	3.30B	2.98B	4.12B	20.6	17.9	5.01	2.89	2.35	2.81	4.26	3.39B	21
22	3.64B	3.26B	3.07B	4.28B	19.5	16.7	4.77	2.81	2.35	2.79	4.09	3.38B	22
23	3.60B	3.23B	3.10B	4.48B	18.7	15.9	4.62	2.68	2.35	2.81	3.96	3.36B	23
24	3.57B	3.20B	3.05B	4.70B	18.0	15.6	4.46	2.70	2.32	2.80	3.92B	3.34B	24
25	3.53B	3.17B	3.01B	4.99	19.1	15.1	4.51	2.63	2.29	2.84	3.89B	3.32B	25
26	3.49B	3.13B	2.99B	5.50	19.9	14.4	4.47	2.54	2.35	2.84	3.86B	3.31B	26
27	3.46B	3.10B	2.97B	5.98	20.0	13.0	4.36	2.52	2.46	2.92	3.83B	3.30B	27
28	3.42B	3.08B	2.95B	7.31	19.1	13.3	4.20	2.51	2.48	2.93	3.80B	3.29B	28
29	3.39B		2.93B	9.57	18.3	13.1	4.13	2.49	2.47	2.97	3.78B	3.28B	29
30	3.36B		2.92B	11.7	18.3	13.5	3.97	2.46	2.47	3.08	3.76B	3.26B	30
31	3.33B		2.91B		18.6		4.02	2.45		3.34		3.25B	31
TOTAL	117.13	88.66	90.22	128.77	697.5	476.6	235.15	97.92	72.31	83.05	113.09	107.67	TOTAL
MEAN	3.78	3.17	2.91	4.29	22.5	15.9	7.59	3.16	2.41	2.68	3.77	3.47	MEAN
MAX	4.15	3.36	3.10	11.7	29.0	19.0	13.1	3.86	2.48	3.34	4.38	3.74	MAX
MIN	3.33	2.98	2.77	2.91	13.3	13.0	3.97	2.45	2.29	2.47	3.41	3.25	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.32
MAXIMUM DAILY, 29.0 ON MAY 8
MINIMUM DAILY, 2.29 ON SEP 25
MAXIMUM INSTANTANEOUS,
29.1 AT 07:27 EST ON MAY 8

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 40 N
LONG 89 53 30 W
DRAINAGE AREA, 1 540 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 100	JUL	20 300
FEB	7 660	AUG	8 460
MAR	7 [illegible]	SEP	6 250
APR	11 [illegible]	OCT	7 180
MAY	60 [illegible]	NOV	9 770
JUN	41 [illegible]	DEC	9 300

TOTAL DISCHARGE, 199 000 dam³

KEMPTVILLE CREEK NEAR KEMPTVILLE - STATION NO. 02LA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.13 B	1.04B	33.9	5.67	3.62	2.91	4.27	0.582	1.93	10.0	19.8	7.05B	1
2	2.03 B	1.11B	28.6	5.88	3.64	2.73	3.73	0.659	1.85	8.93	18.2	6.52	2
3	1.93 B	1.18B	19.7	6.08	3.51	2.53	2.67	0.685	2.22	8.10	16.4	6.43	3
4	1.85 B	1.21B	18.7	6.13	3.24	2.41	0.534	0.740	1.99	7.47	14.5	6.25	4
5	1.75 B	1.19B	15.0	6.36	2.94	2.42	1.15	0.915	1.77	6.91	12.7	5.99	5
6	1.68 B	1.17B	11.7	6.10	2.66	2.27	1.60	0.971	1.64	6.90	11.9	5.17	6
7	1.61 B	1.13B	10.6	6.22	2.59	2.17	1.61	0.974	1.54	6.75	12.2	6.07	7
8	1.52 B	1.10B	8.97	5.86	2.41	2.07	1.53	0.982	2.64	6.60	12.3	4.93	8
9	1.47 B	1.07B	8.40	5.41	2.22	2.00	1.53	1.02	4.83	6.27	12.2	4.55	9
10	1.39 B	1.04B	5.54	5.22	1.98	1.98	1.66	1.07	8.92	5.91	11.3	4.10	10
11	1.32 B	5.50B	5.02	4.86	2.48	1.94	1.75	1.80	15.9	5.66	10.5	3.98	11
12	1.28 B	11.1 B	7.18	4.69	3.65	1.92	1.74	4.31	15.0	5.43	9.53	3.67	12
13	1.23 B	10.1 B	7.23	4.59	4.53	1.92	1.62	5.46	15.1	5.17	8.56	3.51	13
14	1.20 B	9.20B	6.54B	4.38	4.90	1.88	1.50	5.95	15.4	4.92	7.85	3.35	14
15	1.16 B	8.40B	6.43	3.97	4.83	1.88	1.40	6.54	13.9	4.71	7.43	3.25	15
16	1.13 B	7.55B	6.29	3.99	6.03	1.93	1.32	9.92	12.4	4.50	6.99	3.20B	16
17	1.10 B	9.96B	5.78	3.71	7.56	1.99	1.21	13.0	10.9	4.42	6.66	3.02B	17
18	1.07 B	16.3 B	5.11B	3.90	7.66	1.86	1.14	11.6	9.55	4.40	6.38	2.85B	18
19	1.04 B	28.6 B	4.67	4.17	7.04	1.71	1.11	10.3	8.43	4.42	6.14	2.55B	19
20	1.02 B	47.6 B	4.25	3.97	6.16	1.61	1.43	9.02	7.35	4.41	6.28	2.31B	20
21	1.00 B	46.5 B	3.98	3.89	5.39	1.53	2.09	8.22	6.58	4.31	7.73	2.00B	21
22	0.975B	48.0 B	3.87	3.65	4.73	2.87	2.41	6.83	6.24	4.56	8.77	1.66B	22
23	0.952B	50.0 B	3.94	3.39	4.11	5.33	3.12	5.74	8.08	6.29	8.78	1.58B	23
24	0.930B	57.5 B	4.19	3.60	3.66	6.04	2.31	4.98	11.9	7.72	8.08	1.53B	24
25	0.915B	56.8 B	4.49	3.57	3.30	6.42	1.87	4.30	12.1	7.99	7.33	1.50B	25
26	0.980B	54.5 B	4.63	3.57	3.09	7.61	1.59	3.75	12.6	8.65	6.57	1.49B	26
27	1.05 B	46.7	4.59	3.56	2.82	7.81	1.19	3.27	13.5	11.3	6.95	1.48B	27
28	1.10 B	40.0	4.80	3.43	2.91	6.31	0.355	1.82	13.5	18.4	7.98	1.47B	28
29	1.08 B		4.71	3.47	3.02	5.56	0.304	1.40	12.5	20.6	7.09	1.46B	29
30	1.03 B		4.81	3.70	2.93	4.81	0.302	1.96	11.2	21.6	7.20	1.45B	30
31	0.990B		5.22		2.95		0.419	2.00		21.2		1.44B	31
TOTAL	39.912	565.55	268.84	136.99	122.56	96.42	50.464	130.768	261.46	254.50	294.30	105.81	TOTAL
MEAN	1.29	20.2	8.67	4.57	3.95	3.21	1.63	4.22	8.72	8.21	9.81	3.41	MEAN
MAX	2.13	57.5	33.9	6.36	7.66	7.81	4.27	13.0	15.9	21.6	19.8	7.05	MAX
MIN	0.915	1.04	3.87	3.39	1.98	1.53	0.302	0.582	1.54	4.31	6.14	1.44	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.38
MAXIMUM DAILY, 57.5B ON FEB 24
MINIMUM DAILY, 0.302 ON JUL 30

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 59 38 N
LONG 75 39 46 W
DRAINAGE AREA, 409 km²

B - ICE CONDITIONS

REGULATED SINCE 1951

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 450	JUL	4 360
FEB	48 900	AUG	11 300
MAR	23 200	SEP	22 600
APR	11 800	OCT	22 000
MAY	10 600	NOV	25 400
JUN	8 330	DEC	9 140

TOTAL DISCHARGE, 201 000 dam³

KENNY CREEK NEAR BURFORD - STATION NO. 02GB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.175B	0.165B	3.09	1.80 E	1.56	0.167	0.186	0.087	5.99	0.640	1.50	0.640E	1
2	0.170B	0.180B	2.49	2.05 E	1.16	0.146	0.174	0.074	4.07	1.51	1.29	0.705E	2
3	0.163B	0.157B	1.82	1.50 E	0.866	0.138	0.166	0.075	7.42	1.45	1.10	0.870E	3
4	0.158B	0.142B	1.29	1.20 E	0.714	0.152	0.166	0.084	12.7	1.00	0.959	0.980E	4
5	0.150B	0.140B	1.28	0.940E	0.610	0.153	0.148	0.104	13.0	0.791	0.869	0.900E	5
6	0.148B	0.139B	1.02	0.750E	0.548	0.134	0.151	0.096	6.48	0.750	0.813	0.800E	6
7	0.146B	0.138B	0.883	0.630E	0.481	0.111	0.127	0.106	3.78	1.31	0.770	0.690E	7
8	0.145B	0.137B	0.750B	0.520E	0.435	0.099	0.103	0.098	2.36	1.63	0.697	0.630E	8
9	0.144B	0.138B	0.710B	0.440E	0.398	0.132	0.088	0.139	1.77	1.22	0.633	0.570B	9
10	0.143B	0.155B	0.670B	0.395A	0.400	0.132	0.082	0.174	1.33	0.910	0.590	0.530B	10
11	0.142B	0.230B	0.650B	0.393	0.604	0.112	0.074	0.212	0.999	0.738	0.561	0.460B	11
12	0.141B	0.580B	0.630B	0.417	0.792	0.092	0.070	0.646	0.785	0.639	0.533	0.403	12
13	0.140B	0.900B	0.610B	0.411	0.775	0.090	0.062	0.690	0.609	0.564	0.506	0.368	13
14	0.140B	1.20 B	0.590B	0.839	0.648	0.118	0.055	0.360	0.528	0.506	0.487	0.351	14
15	0.139B	2.45 B	0.560B	1.91	0.619	0.130	0.051	0.264	0.485	0.475	0.476	0.348	15
16	0.139B	2.15 B	0.520B	1.62	0.656	0.119	0.051	0.283	0.414	0.452	0.479E	0.346	16
17	0.145B	5.23	0.460B	1.27	0.618	0.124	0.047	0.291	0.418	0.432	0.520E	0.328	17
18	0.142B	13.4	0.430B	1.56	0.529	0.119	0.038	0.222	0.510	0.823	0.515E	0.290B	18
19	0.140B	11.8	0.400B	1.56	0.444	0.108	0.034	0.169	0.552	2.21	0.500E	0.280B	19
20	0.138B	11.5	0.380B	1.18	0.380	0.096	0.079	0.131	0.516	2.21	0.620E	0.265	20
21	0.135B	11.0	0.370B	0.887	0.333	0.224	0.094	0.105	0.490	1.65	0.830E	0.255	21
22	0.132B	8.93	0.393	0.721	0.301	0.928	0.085	0.090	1.34	1.63	1.37 E	0.256	22
23	0.130B	9.51	0.390	0.862	0.280	1.89	0.074	0.084	2.38	5.91	1.34 E	0.291	23
24	0.130B	12.1	0.388	1.92	0.260	1.56	0.066	0.075	1.77	6.27	1.01 E	3.20 B	24
25	0.138B	7.73	0.404A	2.47	0.243	0.780	0.055	0.070	1.18	3.74	0.770E	3.30 B	25
26	0.148B	4.40	0.420E	1.95	0.230	0.448	0.053	0.066	0.901	2.51	0.640E	0.319	26
27	0.160B	2.99	0.520E	1.40	0.224	0.317	0.026	0.066	0.769	2.23	0.680E	0.303	27
28	0.140B	2.54	0.630E	1.24	0.225	0.245	0.076	0.073	0.651	5.19	0.760E	0.302	28
29	0.137B		0.780E	1.81	0.221	0.205	0.140	0.074	0.556	4.39	0.750E	0.294	29
30	0.140B		0.910E	2.03	0.205	0.176	0.158	10.6	0.491	2.46	0.700E	0.270B	30
31	0.152B		1.68 E		0.187		0.136	27.6		1.81		0.255B	31
TOTAL	4.490	110.281	26.118	36.675	15.946	9.245	2.915	43.208	75.244	58.050	23.268	19.799	TOTAL
MEAN	0.145	3.94	0.843	1.22	0.514	0.308	0.094	1.39	2.51	1.87	0.776	0.639	MEAN
MAX	0.175	13.4	3.09	2.47	1.56	1.89	0.186	27.6	13.0	6.27	1.50	3.30	MAX
MIN	0.130	0.137	0.370	0.393	0.187	0.090	0.026	0.066	0.414	0.432	0.476	0.255	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.17
MAXIMUM DAILY, 27.6 ON AUG 31
MINIMUM DAILY, 0.026 ON JUL 27
MAXIMUM INSTANTANEOUS,
63.8 AT 23:16 EST ON AUG 30

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 05 57 N
LONG 80 29 19 W
DRAINAGE AREA, 91.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	388	JUL	252
FEB	9 530	AUG	3 730
MAR	2 260	SEP	6 500
APR	3 170	OCT	5 020
MAY	1 380	NOV	2 010
JUN	799	DEC	1 710

TOTAL DISCHARGE, 36 700 dam³

KENOGAMI RIVER AT KENOGAMI DAM - STATION NO. 04JD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	0	0	0	0	18
19	0	0	0	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	0	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0	0	0	0	0	0	0	0	0	0	0	0	24
25	0	0	0	0	0	0	0	0	0	0	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0	0	0	0	0	0	0	0	0	0	27
28	0	0	0	0	0	0	0	0	0	0	0	0	28
29	0		0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0	0	0	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	TOTAL
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	MEAN
MAX	0	0	0	0	0	0	0	0	0	0	0	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON JAN 1
MINIMUM DAILY, 0 ON JAN 1

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 55 05 N
LONG 86 29 17 W
DRAINAGE AREA, 4 270 km²

REGULATED SINCE 1939

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	0
JUN	0	DEC	0

TOTAL DISCHARGE, 0 dam³

KENOGAMI RIVER NEAR MAMMAMATTAWA - STATION NO. 04JG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	66.5B	54.0B	85.0B	128B	715	648	353	65.4	32.3	25.5	62.6	46.0B	1
2	66.0B	54.0B	87.0B	142B	722	616	377	64.0	32.5	25.8	65.0	45.5B	2
3	65.0B	53.5B	88.0B	160B	729	578	366	60.7	31.8	25.2	69.6	45.0B	3
4	64.5B	53.5B	89.0B	177B	837	545	339	59.2	31.6	25.0	74.6	44.5B	4
5	64.0B	53.5B	89.5B	188B	1 010	512	316	56.0	32.3	25.0	79.1	44.0B	5
6	63.5B	53.5B	90.0B	198B	1 100	503	296	54.3	31.2	25.4	81.8	43.5B	6
7	63.0B	53.0B	90.0B	205B	1 110	506	273	52.3	29.6	28.6	78.4	43.0B	7
8	62.5B	53.0B	90.0B	230B	1 090	520	250	50.6	32.3	29.0	75.0B	42.5B	8
9	62.0B	52.5B	89.0B	360B	1 080	588	229	50.7	31.4	28.7	73.0B	42.0B	9
10	61.5B	52.5B	88.0B	440B	1 030	648	208	52.3	30.7	29.6	70.0B	41.5B	10
11	61.0B	52.5B	87.5B	530B	978	642	191	54.9	31.0	30.4	68.0B	41.0B	11
12	60.5B	52.0B	86.5B	620B	959	607	180	55.9	32.4	31.3	66.0B	40.5B	12
13	60.0B	52.0B	85.5B	700B	936	566	177	55.9	32.4	31.5	65.0B	40.0B	13
14	60.0B	52.0B	84.5B	740B	903	532	169	55.5	32.4	31.0	63.5B	40.0B	14
15	59.5B	52.0B	84.0B	790B	875	516	161	56.8	32.5	34.9	62.5B	40.0B	15
16	59.5B	51.5B	82.0B	810B	846	535	154	54.0	32.5	35.9	60.5B	39.5B	16
17	59.0B	51.5B	82.0B	840B	805	556	147	51.9	32.3	36.6	59.5B	39.0B	17
18	58.5B	52.0B	81.0B	830B	760	548	132	51.3	31.2	48.8	58.0B	38.7B	18
19	58.0B	52.0B	81.0B	790B	714	519	113	49.4	31.5	58.1	57.0B	38.3B	19
20	58.0B	52.0B	80.5B	750B	677	483	104	46.9	31.7	69.5	55.5B	38.0B	20
21	57.5B	53.0B	80.0B	700B	651	452	99.8	44.8	29.5	81.0	54.0B	37.8B	21
22	57.0B	55.0B	80.0B	650B	633	424	95.7	42.8	29.3	84.5	53.0B	37.5B	22
23	56.5B	58.0B	80.0B	610B	617	400	90.1	40.6	28.9	85.0	52.0B	37.2B	23
24	56.5B	63.0B	80.0B	580B	596	372	84.0	40.2	27.4	79.9	51.0B	37.0B	24
25	56.0B	69.0B	80.0B	560B	581	346	82.3	39.1	26.6	75.0	50.0B	36.7B	25
26	56.0B	76.0B	81.0B	555B	597	319	81.2	37.6	25.4	70.0B	49.5B	36.3B	26
27	55.5B	80.0B	82.0B	550	646	296	79.2	36.2	25.5	67.0B	49.0B	36.0B	27
28	55.0B	82.0B	85.0B	577	665	276	75.8	34.3	28.7	65.0B	48.0B	35.7B	28
29	54.5B		90.0B	638	647	268	73.5	33.7	27.5	63.3	47.5B	35.3B	29
30	54.5B		98.0B	691	637	300	71.0	32.3	25.8	61.2	46.5B	35.1B	30
31	54.0B		110 B		648		67.5	31.7		63.3		35.0B	31
TOTAL	1 845.5	1 588.5	2 666.0	15 739	24 794	14 621	5 435.1	1 511.3	5.0.2	1 471.0	1 845.1	1 232.1	TOTAL
MEAN	59.5	56.7	86.0	525	800	487	175	48.8	30.3	47.5	61.5	39.7	MEAN
MAX	66.5	82.0	110	840	1 110	648	377	65.4	32.5	85.0	81.8	46.0	MAX
MIN	54.0	51.5	80.0	128	581	268	67.5	31.7	25.4	25.0	46.5	35.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 202
MAXIMUM DAILY, 1 110 ON MAY 7
MINIMUM DAILY, 25.0 ON OCT 4
MAXIMUM INSTANTANEOUS,
1 120 AT 01:00 EST ON MAY 7

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 26 20 N
LONG 84 23 15 W
DRAINAGE AREA, 26 200 km²

B - ICE CONDITIONS

REGULATED SINCE 1939

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	159 000	JUL	470 000
FEB	137 000	AUG	131 000
MAR	230 000	SEP	78 600
APR	1 360 000	OCT	127 000
MAY	2 140 000	NOV	159 000
JUN	1 260 000	DEC	106 000

TOTAL DISCHARGE, 6 360 000 dam³

KETTLE CREEK AT ST. THOMAS - STATION NO. 02GC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.330B	0.260B	9.11	3.77	5.90	0.485	0.548	0.234	5.88	25.9	2.83	2.61	1
2	0.320B	0.300B	6.06	2.71	3.69	0.485	0.558	0.261	15.7	19.3	2.42	7.60	2
3	0.310B	0.340B	4.00	2.10	2.63	0.572	0.524	0.279	11.0	6.93	2.07	6.38	3
4	0.305B	0.360B	3.03	1.78	2.19	0.543	0.508	1.22	17.3	3.73	1.75	3.82	4
5	0.300B	0.360B	2.77	1.49	1.85	0.478	0.800	1.90	11.6	2.58	1.69	2.89	5
6	0.290B	0.355B	2.48	1.34	1.71	0.420	0.501	1.02	5.92	2.16	2.13	2.41	6
7	0.280B	0.340B	2.20	1.03	1.51	0.438	0.421	0.519	3.86	2.76	6.03	2.22	7
8	0.275B	0.325B	2.04	0.997	1.39	0.397	0.430	0.792	3.03	4.09	3.92	2.40	8
9	0.270B	0.315B	1.96	0.995	1.28	0.419	0.688	0.531	2.78	3.37	2.59	2.34	9
10	0.260B	0.316B	2.18	0.827	1.20	0.438	0.516	0.471	2.66	2.28	2.01	1.55 B	10
11	0.257B	0.800B	2.43	0.976	1.39	0.377	0.482	0.873	1.48	1.75	1.82	1.35 B	11
12	0.253B	1.40 B	2.27	1.12	1.74	0.403	0.393	1.11	0.336	1.55	1.57	1.18 B	12
13	0.250B	3.00 B	2.22	1.09	1.66	0.596	0.376	1.02	0.323	1.24	1.42	1.12	13
14	0.245B	4.80 B	2.08	14.0	1.53	0.544	0.392	0.816	0.356	1.07	1.27	1.02	14
15	0.242B	4.15 B	1.80	11.5	1.46	0.628	0.339	0.931	0.321	1.02	1.25	1.00 B	15
16	0.240B	4.00 B	1.81	5.12	1.50	0.936	0.316	1.15	0.429	0.923	1.22	0.960B	16
17	0.238B	30.0 B	1.64	4.21	1.48	0.767	0.364	0.862	0.983	0.824	1.14	0.930B	17
18	0.236B	44.0 B	1.33	17.3	1.28	0.670	0.338	0.663	0.987	4.04	1.07	0.900B	18
19	0.234B	47.4	1.21	9.76	1.18	0.568	0.304	0.621	0.871	7.40	1.07	0.870B	19
20	0.232B	39.1	1.15	5.32	1.05	0.488	0.463	0.570	0.757	7.73	4.01	0.830B	20
21	0.231B	29.0	1.05	3.42	0.914	0.597	0.397	0.522	0.887	4.35	9.12	0.950B	21
22	0.230B	22.5	1.16	2.37	0.910	1.77	0.312	0.534	4.43	8.32	5.54	1.10 B	22
23	0.230B	52.6	1.17	14.8	0.798	2.36	0.237	0.492	3.56	30.0	3.28	2.30 B	23
24	0.230B	35.1	1.38	20.9	0.747	1.64	0.207	0.429	1.99	12.4	2.44	3.50	24
25	0.232B	13.5	1.38	11.3	0.763	1.42	0.207	0.426	1.35	6.06	1.97	2.52 B	25
26	0.240B	8.27	1.65	6.19	0.706	1.13	0.246	0.418	1.06	4.64	1.77	1.95 B	26
27	0.260B	6.06	2.61	4.20	0.672	0.821	0.191	0.407	0.905	11.5	2.58	1.63 B	27
28	0.270B	8.93	2.74	19.4	0.645	0.741	0.699	0.419	0.782	16.5	3.39	1.44 B	28
29	0.275B		2.46	27.9	0.622	0.588	0.485	0.359	0.604	7.65	2.55	1.30 B	29
30	0.260B		2.83	10.5	0.655	0.547	0.316	4.39	0.631	4.61	2.16	1.29 B	30
31	0.245B		4.83		0.620		0.260	9.40		3.48		1.28 B	31
TOTAL	8.070	357.881	77.03	208.415	45.672	22.262	12.818	33.639	102.772	210.157	78.08	63.640	TOTAL
MEAN	0.260	12.8	2.48	6.95	1.47	0.742	0.413	1.09	3.43	6.78	2.60	2.05	MEAN
MAX	0.330	52.6	9.11	27.9	5.90	2.36	0.800	9.40	17.3	30.0	9.12	7.60	MAX
MIN	0.230	0.260	1.05	0.827	0.620	0.377	0.191	0.234	0.321	0.824	1.07	0.830	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.34
MAXIMUM DAILY, 52.6 ON FEB 23
MINIMUM DAILY, 0.191 ON JUL 27
MAXIMUM INSTANTANEOUS,
79.3 AT 18:00 EST ON FEB 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 46 40 N
LONG 81 12 52 W
DRAINAGE AREA, 329 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	697	JUL	1 110
FEB	30 900	AUG	2 910
MAR	6 660	SEP	8 880
APR	18 000	OCT	18 200
MAY	3 950	NOV	6 750
JUN	1 920	DEC	5 500

TOTAL DISCHARGE, 105 000 dam³

KWATABOAHEGAN RIVER NEAR THE MOUTH - STATION NO. 04KA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.00B	1.25B	4.40B	6.00B	54.5B	63.2	31.1	3.05	2.20	3.16	11.7 B	3.90B	1
2	1.97B	1.23B	4.25B	7.00B	58.0B	64.7	34.0	2.83	2.61	3.02	12.3 B	3.75B	2
3	1.91B	1.22B	4.15B	8.30B	61.0B	59.9	34.5	2.66	2.55	2.98	13.3	3.60B	3
4	1.87B	1.21B	4.05B	9.60B	66.0B	54.6	31.4	2.44	2.31	2.98	13.5	3.45B	4
5	1.83B	1.20B	4.00B	11.0 B	74.0B	49.1	27.9	2.27	2.33	3.06	13.8	3.35B	5
6	1.79B	1.19B	3.95B	12.5 B	81.6	48.0	26.5	2.16	2.16	3.19	13.5	3.25B	6
7	1.76B	1.18B	3.85B	15.5 B	83.7	51.1	24.3	2.06	2.15	3.51	13.2	3.10B	7
8	1.73B	1.17B	3.75B	18.5 B	87.1	54.0	21.4	2.10	2.48	3.64	12.4 B	3.00B	8
9	1.70B	1.16B	3.70B	21.5 B	86.2	61.8	18.6	1.95	2.51	3.69	11.7 B	2.90B	9
10	1.68B	1.15B	3.65B	24.5 B	78.8	72.1	16.4	1.94	2.41	3.69	10.9 B	2.80B	10
11	1.65B	1.15B	3.55B	28.0 B	75.5	83.9	14.4	1.96	2.35	3.96	10.2 B	2.75B	11
12	1.62B	1.14B	3.50B	31.0 B	76.6	84.9	12.8	2.11	2.26	4.60	9.70B	2.65B	12
13	1.60B	1.14B	3.45B	35.5 B	79.5	78.7	11.6	2.16	2.26	5.09	9.10B	2.55B	13
14	1.57B	1.13B	3.35B	37.5 B	79.5	70.6	11.2	2.16	2.26	5.51	8.60B	2.50B	14
15	1.53B	1.13B	3.30B	40.0 B	78.2	64.1	10.5	2.34	2.26	5.71	8.10B	2.40B	15
16	1.51B	1.12B	3.28B	43.0 B	76.3	63.2	9.49	3.47	2.37	5.71	7.70B	2.35B	16
17	1.50B	1.12B	3.22B	45.0 B	71.2	62.5	8.32	3.93	2.51	5.76	7.30B	2.25B	17
18	1.48B	1.13B	3.20B	47.0 B	65.9	63.3	7.58	4.29	2.84	6.76	6.90B	2.20B	18
19	1.46B	1.18B	3.15B	46.0 B	61.8	61.2	6.92	5.93	3.22	8.98	6.60B	2.15B	19
20	1.43B	1.24B	3.12B	45.5 B	58.8	57.1	6.22	6.35	3.43	11.9	6.30B	2.10B	20
21	1.42B	1.35B	3.10B	44.5 B	57.9	51.8	5.55	5.76	3.50	17.2	6.00B	2.05B	21
22	1.40B	1.50B	3.08B	43.5 B	57.9	46.2	4.86	4.96	3.51	20.4	5.70B	2.00B	22
23	1.38B	1.70B	3.05B	43.0 B	57.7	41.7	4.49	4.49	3.48	19.5	5.50B	1.95B	23
24	1.37B	2.00B	3.05B	42.0 B	55.7	37.5	4.22	4.48	3.38	14.7 B	5.20B	1.90B	24
25	1.34B	2.50B	3.05B	42.0 B	53.2	33.8	4.06	3.80	3.35	12.6 B	5.00B	1.83B	25
26	1.32B	3.00B	3.20B	42.0 B	49.0	30.8	3.93	3.52	3.21	11.4 B	4.80B	1.79B	26
27	1.31B	3.70B	3.40B	43.5 B	45.2	26.9	3.75	3.10	3.21	10.8 B	4.60B	1.75B	27
28	1.30B	4.20B	3.65B	47.0 B	41.8	24.2	3.68	2.71	3.47	10.6 B	4.40B	1.71B	28
29	1.29B		4.00B	49.5 B	38.4	23.7	3.55	2.47	3.25	10.4 B	4.25B	1.68B	29
30	1.28B		4.60B	52.0 B	38.3	26.4	3.44	2.51	3.17	10.5 B	4.05B	1.64B	30
31	1.27B		5.10B		49.9		3.17	2.34		10.8 B		1.60B	31
TOTAL	48.27	43.39	112.15	981.90	1 999.2	1 611.0	409.83	98.30	83.00	245.80	256.30	76.90	TOTAL
MEAN	1.56	1.55	3.62	32.7	64.5	53.7	13.2	3.17	2.77	7.93	8.54	2.48	MEAN
MAX	2.00	4.20	5.10	52.0	87.1	84.9	34.5	6.35	3.51	20.4	13.8	3.90	MAX
MIN	1.27	1.12	3.05	6.00	38.3	23.7	3.17	1.94	2.15	2.98	4.05	1.60	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.3
MAXIMUM DAILY, 87.1 ON MAY 8
MINIMUM DAILY, 1.12B ON FEB 16
MAXIMUM INSTANTANEOUS,
88.9 AT 23:00 EST ON MAY 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 09 00 N
LONG 80 52 00 W
DRAINAGE AREA, 4 250 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 170	JUL	35 400
FEB	3 750	AUG	8 490
MAR	9 690	SEP	7 170
APR	84 800	OCT	21 200
MAY	173 000	NOV	22 100
JUN	139 000	DEC	6 640

TOTAL DISCHARGE, 515 000 dam³

LA VALLEE RIVER NEAR DEVLIN - STATION NO. 05PC016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.297B	9.88 B	1.33	1.90	2.11	0.031	0	1.01 A	---	---	1
2	---	---	0 B	11.2 B	1.55	3.60	1.50	0.006	0	0.524A	---	---	2
3	---	---	0 B	9.46 B	1.69	5.13	1.93	0	0	1.06 A	---	---	3
4	---	---	0 B	6.97 B	1.67	4.52	3.06	0	0.057	1.42 A	---	---	4
5	---	---	0 B	5.89 B	1.39	3.40	2.05	0	0.203	2.37 A	---	---	5
6	---	---	0 B	4.67 B	1.19	3.02	1.34	0	0.270	3.17 A	---	---	6
7	---	---	0 B	4.13 B	0.971	2.18	0.999	0	0.398	3.60 A	---	---	7
8	---	---	0 B	3.62 B	0.784	2.18	0.765	0	0.402	3.62 A	---	---	8
9	---	---	0 B	3.23 A	0.733	2.33	0.611	0	0.445	3.03 A	---	---	9
10	---	---	0 B	2.58 A	0.731	1.83	0.468	0	0.471	2.64 A	---	---	10
11	---	---	0 B	2.11 A	0.634	1.40	0.349	0	0.517	2.44 A	---	---	11
12	---	---	0 B	1.73 A	0.810A	1.14	0.242	0	0.511	2.15 A	---	---	12
13	---	---	0 B	1.50 A	0.736E	1.02	0.160	0	0.488	1.84 A	---	---	13
14	---	---	0 B	1.34 A	0.663E	1.08	0.111	0	0.466	1.75 A	---	---	14
15	---	---	0.957B	0.951A	0.589E	1.04	0.079	0	0.483	1.85 A	---	---	15
16	---	---	1.14 B	0.578	0.513E	0.997	0.028	0	0.536	1.65 A	---	---	16
17	---	---	1.32 B	0.547	0.439E	1.01	0.086	0	0.574	1.36 A	---	---	17
18	---	---	0.980B	0.530	0.365E	0.944	0.148	0	0.627	1.18 A	---	---	18
19	---	---	0.637B	0.476	0.289E	0.876	0.261	0	0.642	1.09 A	---	---	19
20	---	---	0.297B	0.436	0.215A	0.772	0.247	0	0.637	1.01 A	---	---	20
21	---	---	0.224B	0.388	0.168	1.08	0.173	0	0.653	0.872A	---	---	21
22	---	---	0.150B	0.385	0.157	1.47	0.131	0	0.659	0.957A	---	---	22
23	---	---	0.099B	0.552	0.294	1.20	0.112	0	0.654	0.623A	---	---	23
24	---	---	0.051B	1.12	1.28	1.20	0.089	0	0.656	0.889A	---	---	24
25	---	---	0 B	1.31	3.56	1.52	0.122	0	0.667	0.702A	---	---	25
26	---	---	1.59 B	1.33	5.64	1.80	0.130	0	0.127A	0.580A	---	---	26
27	---	---	3.17 B	1.33	4.80	1.71	0.144	0	0.255A	0.425A	---	---	27
28	---	---	5.86 B	1.19	3.71	2.66	0.082	0	0.269A	0.326A	---	---	28
29	---		6.99 B	1.10	3.09	3.89	0.044	0	0.311A	0.391A	---	---	29
30	---		7.31 B	1.03	2.59	3.05	0.025	0	0.538A	0.425A	---	---	30
31	---		8.61 B		2.06		0.025	0		0.391A		---	31
TOTAL	---	---	39.682	81.563	44.641	59.949	17.621	0.037	12.516	45.345	---	---	TOTAL
MEAN	---	---	1.28	2.72	1.44	2.00	0.568	0.001	0.417	1.46	---	---	MEAN
MAX	---	---	8.61	11.2	5.64	5.13	3.06	0.031	0.667	3.62	---	---	MAX
MIN	---	---	0	0.385	0.157	0.772	0.025	0	0	0.326	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.23
MAXIMUM DAILY, 11.2B ON APR 2
MINIMUM DAILY, 0B ON MAR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 35 25 N
LONG 93 40 22 W
DRAINAGE AREA, 243 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 520
FEB	---	AUG	3.20
MAR	3 430	SEP	1 080
APR	7 050	OCT	3 920
MAY	3 860	NOV	---
JUN	5 180	DEC	---

TOTAL DISCHARGE, 26 000 dam³

LA VASE RIVER AT NORTH BAY - STATION NO. 02DD013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.220B	0.191	2.31	7.93	1.62	0.354	0.548	0.093	1.28	0.582	0.672	0.676	1
2	0.213B	0.190	1.80	6.55	1.05	0.295	0.638	0.086	1.23	0.847	0.704	0.731	2
3	0.208B	0.196	1.44	5.35	0.845	0.282	0.409	0.094	1.05	0.894	0.618	1.29	3
4	0.204B	0.185	1.26	5.23	0.754	0.586	0.288	0.138	1.24	0.690	0.570	1.36	4
5	0.200B	0.173	1.14	6.13	0.723	0.497	0.387	0.242	5.23	0.520	0.513	1.06	5
6	0.196B	0.169	0.979	4.73	1.04	0.382	0.372	0.304	4.73	0.756	0.503	0.814	6
7	0.194B	0.178	0.895	2.94	1.00	0.334	0.262	0.212	2.69	4.29	0.662	0.674	7
8	0.192B	0.181	0.829	2.21	0.686	0.326	0.203	0.170	1.84	4.73	0.631	0.570	8
9	0.191B	0.183	0.838	5.02	0.559	0.340	0.177	0.151	1.23	2.77	0.605	0.511	9
10	0.190B	0.186	0.842	5.50	0.540	0.465	0.156	0.138	3.28	1.55	0.545	0.478	10
11	0.189B	0.230	0.786	3.41	1.89	0.640	0.139	0.117	4.32	1.10	0.535	0.450	11
12	0.188B	0.303	0.733	2.34	5.59	0.450	0.121	0.106	3.06	0.861	0.568	0.414	12
13	0.187B	0.341	0.689	1.64	4.42	0.356	0.123	0.128	2.04	0.846	0.552	0.394	13
14	0.186B	0.364	0.629	2.36	2.56	0.351	0.108	0.167	1.40	0.662	0.566	0.361	14
15	0.185B	0.360	0.637	3.51	1.85	0.877	0.105	0.156	1.22	0.506	0.604	0.357	15
16	0.184B	0.362	0.653	2.29	2.35	4.94	0.087	0.121	0.947	0.781	0.561	0.350B	16
17	0.183B	0.502	0.573	1.76	1.78	4.84	0.082	0.089	0.669	0.865	0.931	0.330B	17
18	0.183B	1.20	0.500	1.52	1.22	2.14	0.078	0.072	0.428	3.21	2.22	0.320B	18
19	0.182B	2.21	0.460	1.22	0.975	0.970	0.082	0.071	0.331	6.22	1.85	0.300B	19
20	0.182B	3.54	0.451	1.14	0.812	0.520	0.105	0.068	0.425	4.34	1.35	0.280	20
21	0.182B	4.36	0.441	0.960	0.614	0.356	1.29	0.064	0.552	2.97	1.15	0.271	21
22	0.182B	5.43	0.447	0.847	0.545	0.761	0.697	0.061	0.497	2.12	1.05	0.271	22
23	0.182B	7.31	0.596	0.797	0.479	1.32	0.310	0.071	0.454	1.43	0.876	0.283	23
24	0.182B	9.80	1.14	1.24	0.443	0.912	0.200	0.084	0.338	1.20	0.731	0.290B	24
25	0.192B	7.72	1.82	1.45	3.33	1.40	0.140	0.065	0.311	1.10	0.632	0.275B	25
26	0.220B	5.04	2.28	1.25	1.33	1.44	0.115	0.060	0.258	0.917	0.592	0.265B	26
27	0.236B	3.65	2.42	1.01	0.676	0.850	0.105	0.061	0.494	0.885	0.702	0.255B	27
28	0.240	2.90	2.30	0.833	0.415	0.456	0.109	0.056	0.851	0.800	1.06	0.250B	28
29	0.222		2.84	2.04	0.320	0.381	0.108	0.069	0.618	0.782	1.04	0.250B	29
30	0.208		5.09	2.60	0.424	0.474	0.103	0.626	0.531	0.761	0.810	0.250B	30
31	0.187		10.0		0.473		0.101	0.925		0.681		0.250B	31
TOTAL	6.090	57.454	47.818	85.807	41.313	28.295	7.748	4.865	43.544	50.626	24.403	14.630	TOTAL
MEAN	0.196	2.05	1.54	2.86	1.33	0.943	0.250	0.157	1.45	1.63	0.813	0.472	MEAN
MAX	0.240	9.80	10.0	7.93	5.59	4.94	1.29	0.925	5.23	6.22	2.22	1.36	MAX
MIN	0.182	0.169	0.441	0.797	0.320	0.282	0.078	0.056	0.258	0.506	0.503	0.250	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.13
MAXIMUM DAILY, 10.0 ON MAR 31
MINIMUM DAILY, 0.056 ON AUG 28
MAXIMUM INSTANTANEOUS,
10.9 AT 12:07 EST ON MAR 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 15 44 N
LONG 79 23 43 W
DRAINAGE AREA, 70.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	526	JUL	669
FEB	4 960	AUG	420
MAR	4 130	SEP	3 760
APR	7 410	OCT	4 370
MAY	3 570	NOV	2 110
JUN	2 440	DEC	1 260

TOTAL DISCHARGE, 35 600 dam³

LAC DES MILLE LACS ABOVE OUTLET DAM - STATION NO. 05PB012

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	139.044	---	---	139.141	139.208	139.196	---	139.123	139.080	139.129	---	1
2	---	---	139.038	---	---	---	---	139.144	---	---	---	139.138	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	139.077	---	---	---	---	---	---	---	---	---	139.132	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	139.111	---	---	139.132	6
7	---	---	---	139.044	139.169	139.217	139.187	---	---	139.111	---	---	7
8	---	139.038	139.038	---	---	---	---	---	---	---	139.135	---	8
9	---	---	---	---	---	---	---	139.147	---	---	---	139.129	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	139.065	---	---	---	---	---	---	---	---	139.111	139.126	---	11
12	---	---	---	139.050	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	139.117	---	---	139.123	13
14	---	139.031	---	---	139.187	139.211	139.156	---	---	139.117	---	---	14
15	---	---	139.038	---	---	---	---	---	---	---	139.129	---	15
16	---	---	---	---	---	---	---	---	---	---	---	139.117	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	139.059	---	---	---	---	---	---	---	---	139.092	139.132	---	18
19	---	---	---	139.092	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	139.108	---	---	139.108	20
21	---	---	---	---	139.190	139.220	139.153	---	---	139.126	---	---	21
22	---	139.038	139.025	---	---	---	---	---	---	---	139.132	---	22
23	---	---	---	---	---	---	---	139.129	---	---	---	139.105	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	139.050	---	---	---	---	---	---	---	---	139.129	139.132	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	139.126	---	---	---	---	139.099	---	---	139.071	27
28	---	---	---	---	139.202	139.196	139.147	---	---	139.126	---	---	28
29	---		139.022	---	---	---	---	---	---	---	139.138	---	29
30	---		---	139.080	---	---	---	139.129	139.080	---	---	---	30
31	---		---		139.208		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 139.220 ON JUN 21
MINIMUM DAILY, 139.022 ON MAR 29

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 58 48 N
LONG 90 43 48 W
DATA CONTRIBUTED BY -
BOISE CASCADE CANADA LIMITED

REGULATED SINCE 1953

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAC LA CROIX AT CAMPBELL'S CAMP - STATION NO. 05PA011

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	360.752A	360.628	360.574	360.598	361.844	361.856	361.668	361.100	360.716	360.453	360.507	360.637	1
2	360.748E	360.622	360.572	360.616	361.898	361.883	361.648	361.085	360.712	360.453	360.514	360.633	2
3	360.743E	360.621	360.572	360.632	361.955	361.898	361.635	361.077	360.693	360.459	360.521	360.637	3
4	360.734E	360.616	360.573	360.651	361.999	361.903	361.615	361.064	360.685	360.461	360.527	360.633	4
5	360.734E	360.617	360.570	360.673	362.041	361.896	361.600	361.054	360.672	360.457	360.525	360.634	5
6	360.730E	360.615	360.569	360.696	362.079	361.897	361.586	361.041	360.663	360.454	360.540	360.633	6
7	360.725E	360.611	360.568	360.719	362.114	361.898	361.567	361.033	360.651	360.450	360.548	360.626	7
8	360.721E	360.608	360.568	360.743	362.142	361.886	361.545	361.030	360.641	360.449	360.542	360.622	8
9	360.716E	360.601	360.567	360.769	362.171	361.884	361.523	361.021	360.632	360.455	360.553	360.624	9
10	360.712E	360.596	360.564	360.800	362.192	361.879	361.509	361.014	360.625	360.460	360.558	360.622	10
11	360.708E	360.593	360.566A	360.826	362.210	361.876	361.494	361.002	360.609	360.462	360.569	360.620	11
12	360.703E	360.591	360.555A	360.858	362.223	361.871	361.478	360.992	360.600	360.464	360.578	360.620	12
13	360.698E	360.589	360.554A	360.891	362.229	361.869	361.459	360.981	360.589	360.465	360.583	360.619	13
14	360.693E	360.586	360.556	360.922	362.228	361.869	361.448	360.962	360.575	360.463	360.591	360.613	14
15	360.688A	360.584	360.552	360.961	362.224	361.854	361.425	360.946	360.563	360.460	360.594	360.611	15
16	360.685E	360.582	360.551	360.998	362.215	361.842	361.404	360.930	360.552	360.458	360.596	360.610	16
17	360.681A	360.578	360.547	361.028	362.199	361.836	361.390	360.913	360.540	360.464	360.597	360.606	17
18	360.674	360.576	360.545	361.071	362.176	361.803	361.379	360.899	360.524	360.462	360.609	360.601	18
19	360.667	360.573	360.545	361.110	362.155	361.808	361.361	360.888	360.517	360.470	360.612	360.598	19
20	360.662	360.568	360.545	361.152	362.130	361.798	361.339	360.876	360.510	360.475	360.611	360.596	20
21	360.658	360.567	360.545	361.194	362.102	361.788	361.320	360.866	360.498	360.473	360.616	360.598	21
22	360.652	360.573	360.543	361.245	362.075	361.786	361.297	360.852	360.486	360.474	360.616	360.596	22
23	360.646	360.579	360.541	361.321	362.045	361.772	361.276	360.838	360.472	360.474	360.616	360.596	23
24	360.644	360.580	360.540	361.397	362.027	361.762	361.254	360.830	360.467	360.481	360.615	360.590	24
25	360.639	360.579	360.540	361.471	362.009	361.750	361.232	360.813	360.464	360.471	360.622	360.586	25
26	360.632	360.576	360.541	361.541	361.986	361.734	361.214	360.798	360.450	360.484	360.633	360.579	26
27	360.632	360.573	360.539	361.608	361.960	361.719	361.196	360.786	360.435	360.485	360.626	360.578	27
28	360.636	360.577	360.556	361.678	361.928	361.703	361.176	360.770	360.465	360.496	360.636	360.576	28
29	360.636		360.565	361.740	361.897	361.689	361.154	360.757	360.461	360.502	360.639	360.575	29
30	360.632		360.573	361.793	361.876	361.684	361.141	360.747	360.456	360.504	360.640	360.572	30
31	360.628		360.583		361.854		361.119	360.735		360.498		360.569	31
MEAN	360.684	360.591	360.557	361.057	362.070	361.823	361.402	360.926	360.564	360.469	360.584	360.607	MEAN
MAX	360.752	360.628	360.583	361.793	362.229	361.903	361.668	361.100	360.716	360.504	360.640	360.[illegible]27	MAX
MIN	360.628	360.567	360.539	360.598	361.844	361.684	361.119	360.735	360.435	360.449	360.507	360.569	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 360.947
MAXIMUM DAILY, 362.229 ON MAY 13
MINIMUM DAILY, 360.435 ON SEP 27
MAXIMUM INSTANTANEOUS,
362.230 AT 18:00 CST ON MAY 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 21 20 N
LONG 92 12 50 W

A - MANUAL GAUGE
E - ESTIMATED

WATER LEVELS ARE REFERRED TO UNITED STATES AND CANADA BOUNDARY SURVEY DATUM

LAC SEUL AT GOLDPINES - STATION NO. 05QB003

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	354.994A	354.600	354.297	354.209	354.394	354.717	355.321	355.679	355.739	355.586	355.295	355.134	1
2	354.982A	354.591	354.301	354.236	354.412	354.732	355.334	355.715	355.798	355.617	355.298	355.138	2
3	354.973A	354.579	354.303	354.224	354.404	354.733	355.335	355.722	355.699	355.619	355.290	355.148	3
4	354.970A	354.575	354.289	354.228	354.406	354.753	355.363	355.742	355.766	355.580	355.279	355.125	4
5	354.961A	354.564	354.282	354.237	354.418	354.724	355.375	355.748	355.786	355.537	355.200	355.140	5
6	354.940A	354.554	354.273	354.254	354.430	354.769	355.419	355.781	355.761	355.486	355.262	355.140	6
7	354.927A	354.541	354.268	354.244	354.441	354.835	355.428	355.764	355.718	355.543	355.233	355.125	7
8	354.924A	354.530	354.261	354.242	354.439	354.806	355.425	355.757	355.757	355.591	355.116	355.125	8
9	354.903A	354.518	354.250	354.249	354.439	354.816	355.405	355.752	355.763	355.589	355.216	355.127	9
10	354.894A	354.509	354.244	354.252	354.471	354.838	355.461	355.783	355.774	355.535	355.169	355.135	10
11	354.879A	354.499	354.242	354.252	354.481	354.846	355.477	355.777	355.720	355.535	355.214	355.146	11
12	354.873A	354.491	354.230	354.268	354.491	354.885	355.479	355.789	355.738	355.541	355.211	355.140	12
13	354.860A	354.480	354.236	354.248	354.498	354.913	355.499	355.814	355.721	355.492	355.202	355.138	13
14	354.842A	354.476	354.241	354.253	354.512	354.951	355.550	355.748	355.689	355.450	355.193	355.142	14
15	354.824A	354.467	354.228	354.277	354.515	354.956	355.551	355.774	355.701	355.447	355.195	355.141	15
16	354.815A	354.453	354.227	354.284	354.550	354.938	355.556	355.780	355.705	355.466	355.173	355.142	16
17	354.805A	354.439	354.211	354.274	354.549	355.033	355.562	355.780	355.705	355.406	355.151	355.144	17
18	354.793A	354.423	354.213	354.280	354.548	354.911	355.575	355.789	355.680	355.328	355.166	355.146	18
19	354.781A	354.411	354.216	354.278	354.557	355.015	355.576	355.791	355.674	355.420	355.150	355.154	19
20	354.766A	354.405	354.222	354.295	354.556	355.041	355.601	355.800	355.688	355.399	355.151	355.161	20
21	354.747	354.397	354.222	354.311	354.583	355.070	355.613	355.814	355.697	355.386	355.164	355.159	21
22	354.731	354.374	354.218	354.305	354.597	355.073	355.622	355.805	355.700	355.372	355.162	355.154	22
23	354.725	354.357	354.214	354.301	354.621	355.104	355.653	355.794	355.679	355.351	355.159	355.159	23
24	354.716	354.339	354.216	354.322	354.635	355.151	355.618	355.824	355.628	355.402	355.142	355.160	24
25	354.695	354.338	354.216	354.337	354.639	355.156	355.599	355.787	355.645	355.307	355.140	355.162	25
26	354.677	354.332	354.205	354.348	354.642	355.151	355.612	355.776	355.659	355.390	355.138	355.167	26
27	354.673	354.322	354.214	354.353	354.653	355.205	355.662	355.777	355.467	355.326	355.087	355.160	27
28	354.657	354.312	354.214	354.364	354.665	355.212	355.659	355.782	355.593	355.378	355.134	355.159	28
29	354.648		354.216	354.374	354.642	355.236	355.682	355.780	355.623	355.374	355.146	355.167	29
30	354.637		354.215	354.382	354.652	355.282	355.697	355.780	355.632	355.369	355.152	355.166	30
31	354.627		354.219		354.702		355.693	355.767		355.281		355.156	31
MEAN	354.814	354.460	354.239	354.283	354.534	354.962	355.529	355.773	355.697	355.455	355.186	355.147	MEAN
MAX	354.994	354.600	354.303	354.382	354.702	355.282	355.697	355.824	355.798	355.619	355.298	355.167	MAX
MIN	354.627	354.312	354.205	354.209	354.394	354.717	355.321	355.679	355.467	355.281	355.087	355.125	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 355.011
MAXIMUM DAILY, 355.824 ON AUG 24
MINIMUM DAILY, 354.205 ON MAR 26
MAXIMUM INSTANTANEOUS,
355.840 AT 04:16 CST ON AUG 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 20 N
LONG 93 10 30 W

A - MANUAL GAUGE

REGULATED SINCE 1929

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAC SEUL AT HUDSON - STATION NO. 05QB002

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	355.038	354.680	354.347	354.255	354.425	354.763	355.334A	355.743	355.793	355.609A	355.306	355.147	1
2	355.029	354.671	354.34_	354.257	354.427	354.767	355.344A	355.736	355.745	355.588	355.305	355.152	2
3	355.017	354.658	354.340	354.263	354.440	354.778	355.384A	355.738	355.760	355.560	355.290	355.144	3
4	355.006	354.645	354.334	354.273	354.465	354.790	355.414E	355.741	355.748	355.561	355.275	355.150	4
5	354.993	354.631	354.330	354.272	354.474	354.794	355.443E	355.742	355.714	355.570	355.302	355.143	5
6	354.986	354.625	354.323	354.267	354.477	354.822	355.463A	355.764	355.722	355.594	355.279	355.138	6
7	354.977	354.614	354.312	354.261	354.481	354.834	355.473A	355.788	355.795	355.563	355.254	355.147	7
8	354.964	354.604	354.303	354.269	354.493	354.843	355.483A	355.798	355.787	355.527	355.293	355.145	8
9	354.952	354.592	354.295	354.272	354.524	354.870	355.513A	355.814	355.765	355.501	355.245	355.142	9
10	354.939	354.582	354.289	354.275	354.522	354.893	355.532A	355.799	355.763	355.506	355.241	355.140	10
11	354.928	354.572	354.279	354.289	354.522	354.917	355.542A	355.792	355.767	355.504	355.220	355.138	11
12	354.916	354.565	354.272	354.289	354.533	354.936	355.562A	355.803	355.756	355.487	355.194	355.143	12
13	354.906	354.553	354.270	354.293	354.544	354.947	355.572A	355.789	355.754	355.480	355.184	355.153	13
14	354.894	354.543	354.264	354.304	354.556	354.960	355.572A	355.810	355.758	355.500	355.195	355.152	14
15	354.884	354.532	354.259	354.302	354.576	354.982	355.571A	355.813	355.741	355.491	355.188	355.152	15
16	354.868	354.518	354.261	354.298	354.586	355.012	355.581A	355.786	355.725	355.464	355.198	355.154	16
17	354.852	354.505	354.262	354.310	354.584	355.028	355.601A	355.782	355.707	355.465	355.206	355.158	17
18	354.840	354.493	354.261	354.315	354.590	355.047	355.611A	355.781	355.699	355.500A	355.202	355.157	18
19	354.828	354.482	354.258	354.323	354.600	355.102	355.631A	355.778	355.700	355.400E	355.198	355.157	19
20	354.817	354.440A	354.256	354.325	354.608	355.091	355.650A	355.776	355.685	355.440A	355.192	355.153	20
21	354.800	354.420A	354.253	354.322	354.613	355.103	355.640A	355.770	355.660	355.420	355.171	355.155	21
22	354.789	354.410A	354.250	354.330	354.620	355.111	355.640A	355.765	355.639	355.414	355.159	355.166	22
23	354.777	354.400A	354.247	354.356	354.641	355.118	355.640A	355.780	355.618	355.410	355.152	355.168	23
24	354.767	354.390A	354.246	354.367	354.659	355.146	355.640A	355.764	355.617	355.364	355.147	355.170	24
25	354.755	354.380A	354.239	354.370	354.670	355.173	355.709A	355.768	355.614	355.392	355.145	355.169	25
26	354.751	354.414	354.238	354.379	354.681	355.195	355.699A	355.779	355.594	355.343	355.141	355.171	26
27	354.735	354.361	354.237	354.389	354.695	355.213	355.689A	355.775	355.607A	355.364	355.177	355.171	27
28	354.724	354.356	354.237	354.399	354.708	355.252	355.689A	355.766	355.630E	355.327	355.159	355.164E	28
29	354.712		354.238	354.408	354.730	355.303A	355.689A	355.757	355.620E	355.312	355.151	355.159E	29
30	354.698		354.238	354.418	354.766	355.314A	355.692A	355.758	355.610E	355.296	355.144	355.153E	30
31	354.683		354.241		354.763		355.709	355.746		355.307		355.147E	31
MEAN	354.865	354.523	354.275	354.315	354.580	355.003	355.571	355.774	355.703	355.460	355.210	355.153	MEAN
MAX	355.038	354.680	354.347	354.418	354.766	355.314	355.709	355.814	355.795	355.609	355.306	355.171	MAX
MIN	354.683	354.356	354.237	354.255	354.425	354.763	355.334	355.736	355.594	355.296	355.141	355.138	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 355.040
MAXIMUM DAILY, 355.814 ON AUG 9
MINIMUM DAILY, 354.237 ON MAR 27
MAXIMUM INSTANTANEOUS,
355.837 AT 22:45 CST ON AUG 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 05 30 N
LONG 92 10 00 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1929

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LADY EVELYN RIVER AT LADY EVELYN LAKE - STATION NO. 02JD011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	26.3	23.3	28.3	29.9	0	22.1	21.2	17.2	13.6	11.4	0.600	18.7	1
2	25.1	23.3	28.3	15.0	0	22.1	20.8	16.0	14.6	11.8	0.800	18.7	2
3	25.1	22.7	28.3	0	0	21.6	21.2	15.2	13.0	11.8	0.900	18.1	3
4	24.8	22.7	28.3	0	0	22.5	20.8	14.8	13.2	11.4	0.900	18.0	4
5	24.8	26.8	27.9	0	0	23.8	20.8	14.8	13.2	11.1	1.20	17.8	5
6	24.8	30.9	33.8	0	0	23.8	20.3	14.4	13.4	13.6	1.20	17.6	6
7	24.8	30.9	42.1	0	0	23.8	19.8	16.2	13.0	13.8	1.40	17.4	7
8	24.8	30.9	42.1	0	8.40	23.8	19.8	19.0	13.0	12.2	1.90	17.2	8
9	24.6	30.9	40.9	0	17.6	22.5	19.0	18.5	13.0	9.60	1.70	17.1	9
10	24.6	30.9	40.9	0	17.2	22.5	18.4	18.5	13.0	9.60	1.90	16.6	10
11	24.6	30.1	40.9	0	17.6	22.5	18.0	18.1	16.2	9.60	1.70	16.6	11
12	24.6	30.1	40.9	0	18.0	22.5	17.6	17.6	18.5	9.60	2.10	16.4	12
13	24.3	30.1	40.1	0	19.8	22.5	17.6	17.6	17.2	6.00	2.50	16.4	13
14	24.3	30.1	39.7	0	19.8	22.5	16.0	16.4	16.4	1.50	2.50	16.3	14
15	24.3	30.1	39.7	0	19.8	23.4	16.0	15.2	15.6	1.70	2.50	16.3	15
16	24.3	29.4	39.7	0	19.8	23.4	12.7	14.9	15.3	1.70	2.70	20.2	16
17	24.3	29.4	39.7	0	20.8	22.5	9.70	13.9	15.0	1.90	3.00	24.8	17
18	23.8	29.4	39.7	0	20.8	23.0	9.70	13.6	14.7	2.30	3.20	24.8	18
19	23.8	29.4	38.3	0	20.8	22.5	9.70	16.1	14.0	2.50	3.40	24.8	19
20	23.8	29.4	41.6	0	20.8	22.1	9.70	18.6	14.0	3.00	3.00	24.8	20
21	23.8	29.4	44.5	0	20.8	22.1	9.40	17.8	13.2	3.40	3.20	24.8	21
22	23.8	29.4	43.8	0	20.8	21.2	9.40	17.4	12.5	1.80	3.70	24.3	22
23	23.3	28.7	43.8	0	20.8	21.6	9.10	17.0	12.2	0	3.70	24.3	23
24	23.3	28.7	43.1	0	20.8	22.1	11.6	16.6	11.8	0	3.40	24.3	24
25	23.3	28.7	43.1	0	20.8	22.1	13.9	15.8	11.4	0	9.60	24.3	25
26	23.3	28.7	36.4	0	21.2	22.1	13.2	15.8	11.1	0	19.7	24.3	26
27	23.3	28.7	29.0	0	21.2	22.1	12.8	15.0	11.4	0	19.6	24.3	27
28	23.3	28.7	28.9	0	21.6	22.1	12.2	11.6	12.8	0	19.6	24.3	28
29	23.3		28.8	0	22.1	22.5	11.8	8.40	13.8	0.200	19.3	24.0	29
30	23.3		28.9	0	23.0	21.2	11.8	8.50	12.4	0.300	19.0	24.0	30
31	23.3		28.9		22.1		15.1	10.7		0.200		24.0	31
TOTAL	749.1	801.8	1 140.4	44.9	476.40	674.5	469.10	481.20	412.5	162.000	159.900	645.5	TOTAL
MEAN	24.2	28.6	36.8	1.50	15.4	22.5	15.1	15.5	13.8	5.23	5.33	20.8	MEAN
MAX	26.3	30.9	44.5	29.9	23.0	23.8	21.2	19.0	18.5	13.8	19.7	24.8	MAX
MIN	23.3	22.7	27.9	0	0	21.2	9.10	8.40	11.1	0	0.600	16.3	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.0
MAXIMUM DAILY, 44.5 ON MAR 21
MINIMUM DAILY, 0 ON APR 3

TYPE OF GAUGE - MANUAL
LOCATION - LAT 47 27 38 N
LONG 79 59 43 W
DRAINAGE AREA, 1 370 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	64 700	JUL	40 500
FEB	69 300	AUG	41 600
MAR	98 500	SEP	35 600
APR	3 880	OCT	14 000
MAY	41 200	NOV	13 800
JUN	58 300	DEC	55 800

TOTAL DISCHARGE, 537 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

LAKE 114 NEAR KENORA - STATION NO. 05PD027

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	26.541	26.532	26.443	26.575	26.607	26.523	26.685	---	---	1
2	---	---	---	26.549	26.528	26.444	26.574	26.604	26.520	26.698	---	---	2
3	---	---	---	26.555	26.523	26.441	26.660	26.601	26.516	26.695	---	---	3
4	---	---	---	26.555	26.521	26.440	26.672	26.599	26.512	26.699	---	---	4
5	---	---	---	26.557	26.513	26.455	26.668	26.595	26.505	26.700	---	---	5
6	---	---	---	26.559	26.512	26.456	26.664	26.604	26.532	26.698A	---	---	6
7	---	---	---	26.562	26.510	26.455	26.657	26.605	26.614	26.687	---	---	7
8	---	---	---	26.562	26.504	26.466	26.652	26.604	26.620	26.683	---	---	8
9	---	---	---	26.561	26.502	26.463	26.642	26.605	26.621	26.676	---	---	9
10	---	---	---	26.563	26.498	26.461	26.636	26.602	26.619	26.675	---	---	10
11	---	---	---	26.561	26.493	26.458	26.634	26.600	26.615	26.672	---	---	11
12	---	---	---	26.563	26.491	26.454	26.630	26.595	26.613	26.672	---	---	12
13	---	---	---	26.567	26.486	26.453	26.626	26.588	26.611	26.671	---	---	13
14	---	---	---	26.558	26.486	26.464	26.621	26.587	26.605	26.666	---	---	14
15	---	---	---	26.557	26.480	26.485	26.617	26.585	26.600	26.661	---	---	15
16	---	---	---	26.555	26.476	26.492	26.617	26.578	26.596	26.657	---	---	16
17	---	---	---	26.552	26.470	26.495	26.628	26.574	26.595	26.655	---	---	17
18	---	---	---	26.550	26.466	26.493	26.628	26.569	26.593	26.654	---	---	18
19	---	---	---	26.548	26.462	26.487	26.627	26.563	26.592	26.651	---	---	19
20	---	---	---	26.544	26.460	26.487	26.620	26.561	26.588	26.647	---	---	20
21	---	---	---	26.543	26.456	26.483	26.615	26.558	26.584	26.645E	---	---	21
22	---	---	---	26.548	26.460	26.479	26.608	26.555	26.583	26.644E	---	---	22
23	---	---	---	26.550	26.463	26.476	26.602	26.555	26.585	26.643E	---	---	23
24	---	---	---	26.547	26.460	26.493	26.605	26.549	26.589	26.641E	---	---	24
25	---	---	---	26.547	26.454	26.503	26.606	26.544	26.587	26.640E	---	---	25
26	---	---	---	26.552	26.451	26.505	26.600	26.541	26.603	26.639A	---	---	26
27	---	---	---	26.552	26.450	26.517	26.597	26.539	26.633	26.636	---	---	27
28	---	---	---	26.545	26.447	26.553	26.594	26.537	26.639	26.637A	---	---	28
29	---		---	26.541	26.449	26.575	26.591	26.535	26.638	26.636E	---	---	29
30	---		---	26.537	26.450	26.579	26.588	26.531	26.646	26.636E	---	---	30
31	---		---		26.446		26.609	26.527		26.635E		---	31
MEAN	---	---	---	26.553	26.481	26.482	26.621	26.574	26.589	26.662	---	---	MEAN
MAX	---	---	---	26.567	26.532	26.579	26.672	26.607	26.646	26.700	---	---	MAX
MIN	---	---	---	26.537	26.446	26.440	26.574	26.527	26.505	26.635	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 26.700 ON OCT 5

MAXIMUM INSTANTANEOUS,
26.703 AT 23:20 CST ON OCT 4

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 11 N
LONG 93 45 27 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

LAKE 114 OUTLET NEAR KENORA - STATION NO. 05PD014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0.003	0 E	0 E	0E	0 E	0.013	---	---	1
2	---	---	---	0	0.003	0 E	0 E	0E	0 E	0.016	---	---	2
3	---	---	---	0	0.003	0 E	0	0E	0 E	0.018	---	---	3
4	---	---	---	0	0.002	0 E	0	0E	0 E	0.022	---	---	4
5	---	---	---	0	0.002	0 E	0 E	0E	0 E	0.023	---	---	5
6	---	---	---	0	0.001	0 E	0 E	0E	0 E	0.020	---	---	6
7	---	---	---	0.002	0.002	0 E	0.009	0E	0 E	0.017	---	---	7
8	---	---	---	0.003	0.001	0 E	0 E	0E	0 E	0.013	---	---	8
9	---	---	---	0.002	0.001	0 E	0 E	0E	0 E	0.010	---	---	9
10	---	---	---	0.001	0.001	0 E	0 E	0E	0 E	0.010	---	---	10
11	---	---	---	0.001	0	0 E	0 E	0E	0 E	0.011	---	---	11
12	---	---	---	0.001	0	0 E	0 E	0E	0 E	0.009	---	---	12
13	---	---	---	0.002	0	0 E	0 E	0E	0 E	0.008	---	---	13
14	---	---	---	0.002	0	0 E	0 E	0E	0 E	0.007	---	---	14
15	---	---	---	0.002	0	0 E	0 E	0E	0 E	0.006	---	---	15
16	---	---	---	0.003	0	0 E	0 E	0E	0 E	0.005	---	---	16
17	---	---	---	0.003	0	0 E	0 E	0E	0 E	0.005	---	---	17
18	---	---	---	0.003	0	0 E	0 E	0E	0 E	0.005	---	---	18
19	---	---	---	0.003	0	0 E	0 E	0E	0 E	0.004	---	---	19
20	---	---	---	0.003	0	0 E	0 E	0E	0 E	0.004	---	---	20
21	---	---	---	0.003	0	0 E	0 E	0E	0 E	0.003	---	---	21
22	---	---	---	0.003	0	0 E	0 E	0E	0 E	0.002	---	---	22
23	---	---	---	0.003	0	0 E	0 E	0E	0 E	0.002	---	---	23
24	---	---	---	0.002	0	0 E	0 E	0E	0 E	0.002	---	---	24
25	---	---	---	0.002	0	0 E	0 E	0E	0 E	0.002	---	---	25
26	---	---	---	0.003	0 E	0 E	0 E	0E	0 E	0.003	---	---	26
27	---	---	---	0.003	0 E	0.001	0 E	0E	0 E	0.002	---	---	27
28	---	---	---	0.003	0 E	0.001	0 E	0E	0 E	0.003	---	---	28
29	---		---	0.003	0 E	0	0 E	0E	0 E	0.003E	---	---	29
30	---		---	0.004	0 E	0 E	0 E	0E	0.001	0.003E	---	---	30
31	---		---		0 E		0 E	0E		0.003E		---	31
TOTAL	---	---	---	0.060	0.019	0.002	0.009	0	0.001	0.254	---	---	TOTAL
MEAN	---	---	---	0.002	0.001	0	0	0	0	0.008	---	---	MEAN
MAX	---	---	---	0.004	0.003	0.001	0.009	0	0.001	0.023	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0.002	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.023 ON OCT 5
MINIMUM DAILY, 0 ON APR 1
MAXIMUM INSTANTANEOUS,
0.023 AT 16:59 CST ON OCT 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 14 N
LONG 93 45 30 W
DRAINAGE AREA, 0.58 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0.78
FEB	---	AUG	0
MAR	---	SEP	0.09
APR	5.18	OCT	21.9
MAY	1.64	NOV	---
JUN	0.17	DEC	---

TOTAL DISCHARGE, 29.8 dam³

LAKE 223 NEAR KENORA - STATION NO. 05QD021

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	29.459	29.507	29.481	29.570	29.448	29.311	29.379	---	---	1
2	---	---	---	29.461	29.508	29.481	29.563	29.443	29.304	29.385	---	---	2
3	---	---	---	29.463	29.509	29.479	29.608	29.436	29.297	29.389	---	---	3
4	---	---	---	29.462	29.509	29.478	29.603	29.431	29.293	29.403	---	---	4
5	---	---	---	29.464	29.507	29.493	29.593	29.429	29.287	29.415	---	---	5
6	---	---	---	29.462	29.506	29.497	29.581	29.434	29.311	29.423	---	---	6
7	---	---	---	29.464	29.506	29.497	29.570	29.434	29.369	29.427	---	---	7
8	---	---	---	29.464	29.506	29.507	29.562	29.431	29.367	29.433	---	---	8
9	---	---	---	29.461	29.509	29.505	29.546	29.427	29.369	29.435	---	---	9
10	---	---	---	29.462	29.507	29.498	29.532	29.423	29.365	29.446	---	---	10
11	---	---	---	29.463	29.506	29.495	29.527	29.416	29.365	29.448	---	---	11
12	---	---	---	29.461	29.504	29.491	29.524	29.412	29.359	29.456	---	---	12
13	---	---	---	29.466	29.505	29.490	29.515	29.405	29.358	29.462	---	---	13
14	---	---	---	29.467	29.503	29.504	29.506	29.399	29.356	29.464	---	---	14
15	---	---	---	29.466	29.501	29.540	29.498	29.392	29.350	29.467	---	---	15
16	---	---	---	29.470	29.498	29.542	29.502	29.384	29.346	29.468	---	---	16
17	---	---	---	29.471	29.495	29.540	29.509	29.375	29.341	29.471	---	---	17
18	---	---	---	29.472	29.492	29.541	29.507	29.370	29.338	29.474	---	---	18
19	---	---	---	29.475	29.490	29.534	29.498	29.364	29.333	29.473	---	---	19
20	---	---	---	29.473	29.488	29.533	29.492	29.359	29.330	29.474	---	---	20
21	---	---	---	29.474	29.487	29.530	29.485	29.353	29.326	29.473	---	---	21
22	---	---	---	29.484	29.491	29.527	29.477	29.352	29.322	29.473	---	---	22
23	---	---	---	29.488	29.494	29.523	29.472	29.349	29.321	29.472	---	---	23
24	---	---	---	29.490	29.493	29.537	29.468	29.344	29.324	29.476	---	---	24
25	---	---	---	29.492	29.488	29.541	29.462	29.338	29.324	29.479	---	---	25
26	---	---	---	29.499	29.484	29.543	29.457	29.332	29.330	29.477	---	---	26
27	---	---	---	29.502	29.485	29.551	29.449	29.329	29.354	29.476	---	---	27
28	---	---	---	29.503	29.484	29.579	29.441	29.326	29.351	29.480A	---	---	28
29	---		---	29.505	29.484	29.587	29.438	29.319	29.350	29.480E	---	---	29
30	---		---	29.506	29.488	29.578	29.431	29.318	29.355	29.479E	---	---	30
31	---		---		29.484		29.454	29.313		29.478E		---	31
MEAN	---	---	---	29.475	29.497	29.521	29.511	29.383	29.337	29.453	---	---	MEAN
MAX	---	---	---	29.506	29.509	29.587	29.608	29.448	29.369	29.480	---	---	MAX
MIN	---	---	---	29.459	29.484	29.478	29.431	29.313	29.287	29.379	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 29.608 ON JUL 3

MAXIMUM INSTANTANEOUS,
29.611 AT 10:39 CST ON JUL 3

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 58 N
LONG 93 42 36 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

LAKE 223 OUTLET NEAR KENORA - STATION NO. 05QD017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.002	0.003	0.003	0.049	0.011	0.003	0.002	---	---	1
2	---	---	---	0.002	0.005	0.003	0.045	0.012	0.002	0.002	---	---	2
3	---	---	---	0.002	0.006	0.003	0.105	0.011	0.002	0.002	---	---	3
4	---	---	---	0.002	0.006	0.003	0.093	0.010	0.002	0.002	---	---	4
5	---	---	---	0.002	0.006	0.005	0.072	0.009	0.001	0.002	---	---	5
6	---	---	---	0.002	0.005	0.006	0.058	0.009	0.003	0.003	---	---	6
7	---	---	---	0.002	0.005	0.007	0.047	0.010	0.004	0.003	---	---	7
8	---	---	---	0.002	0.005	0.009	0.038	0.010	0.004	0.002	---	---	8
9	---	---	---	0.002	0.006	0.009	0.032	0.010	0.004	0.002	---	---	9
10	---	---	---	0.002	0.005	0.008	0.027	0.010	0.004	0.002	---	---	10
11	---	---	---	0.001	0.004	0.008	0.023	0.009	0.003	0.002	---	---	11
12	---	---	---	0.001	0.004	0.007	0.021	0.009	0.003	0.002	---	---	12
13	---	---	---	0.001	0.003	0.007	0.018	0.008	0.003	0.002	---	---	13
14	---	---	---	0.001	0.004	0.010	0.015	0.008	0.003	0.003	---	---	14
15	---	---	---	0.001	0.004	0.025	0.013	0.009	0.003	0.003	---	---	15
16	---	---	---	0.001	0.004	0.027	0.012	0.008	0.003	0.003	---	---	16
17	---	---	---	0.001	0.003	0.025	0.013	0.008	0.003	0.003	---	---	17
18	---	---	---	0.001	0.003	0.026	0.012	0.007	0.003	0.004	---	---	18
19	---	---	---	0.001	0.003	0.021	0.012	0.007	0.003	0.003	---	---	19
20	---	---	---	0.001	0.002	0.022	0.011	0.006	0.003	0.003	---	---	20
21	---	---	---	0.001	0.002	0.021	0.011	0.005	0.002	0.003	---	---	21
22	---	---	---	0.001	0.002	0.018	0.010	0.006	0.001	0.003	---	---	22
23	---	---	---	0.002	0.003	0.016	0.010	0.006	0.002	0.003	---	---	23
24	---	---	---	0.002	0.003	0.023	0.010	0.006	0.002	0.003	---	---	24
25	---	---	---	0.002	0.003	0.026	0.011	0.005	0.001	0.003	---	---	25
26	---	---	---	0.002	0.003	0.025	0.010	0.005	0.002	0.003	---	---	26
27	---	---	---	0.002	0.002	0.031	0.010	0.005	0.001	0.002	---	---	27
28	---	---	---	0.003	0.002	0.054	0.011	0.004	0.001	0.002A	---	---	28
29	---		---	0.003	0.003	0.065	0.010	0.004	0.001	0.002E	---	---	29
30	---		---	0.003	0.003	0.058	0.009	0.003	0.001	0.002E	---	---	30
31	---		---		0.003		0.011	0.003		0.002E		---	31
TOTAL	---	---	---	0.051	0.115	0.571	0.829	0.233	0.073	0.078	---	---	TOTAL
MEAN	---	---	---	0.002	0.004	0.019	0.027	0.008	0.002	0.003	---	---	MEAN
MAX	---	---	---	0.003	0.006	0.065	0.105	0.012	0.004	0.004	---	---	MAX
MIN	---	---	---	0.001	0.002	0.003	0.009	0.003	0.001	0.002	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.009
MAXIMUM DAILY, 0.105 ON JUL 3
MINIMUM DAILY, 0.001 ON APR 11
MAXIMUM INSTANTANEOUS,
0.110 AT 13:10 CST ON JUL 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 58 N
LONG 93 42 50 W
DRAINAGE AREA, 2.60 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	71.6
FEB	---	AUG	20.1
MAR	---	SEP	6.31
APR	4.41	OCT	6.74
MAY	9.94	NOV	---
JUN	49.3	DEC	---

TOTAL DISCHARGE, 168 dam³

LAKE 224 OUTLET NEAR KENORA - STATION NO. 05QD018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0	0	0	0.001	0	0.001	---	---	1
2	---	---	---	0	0	0	0.001	0.001	0	0.001	---	---	2
3	---	---	---	0	0	0	0.003	0.001	0	0	---	---	3
4	---	---	---	0	0	0	0.002	0	0	0.001	---	---	4
5	---	---	---	0	0	0 E	0.002	0	0	0	---	---	5
6	---	---	---	0	0	0 E	0.002	0.001	0.001	0	---	---	6
7	---	---	---	0	0	0 E	0.002	0.001	0.001	0	---	---	7
8	---	---	---	0	0	0	0.002	0.001	0	0	---	---	8
9	---	---	---	0	0	0	0.002	0.001	0	0	---	---	9
10	---	---	---	0	0	0	0.001	0.001	0	0.001	---	---	10
11	---	---	---	0	0	0	0.001	0	0	0.001	---	---	11
12	---	---	---	0	0	0	0.001	0	0	0.001	---	---	12
13	---	---	---	0	0	0	0.001	0	0	0.001	---	---	13
14	---	---	---	0	0	0.001	0.001	0	0	0.001	---	---	14
15	---	---	---	0	0	0.001	0.001	0	0	0	---	---	15
16	---	---	---	0	0	0	0.001	0	0	0	---	---	16
17	---	---	---	0	0	0	0.001	0	0	0	---	---	17
18	---	---	---	0	0	0	0.001	0	0	0.001	---	---	18
19	---	---	---	0	0	0	0.001	0	0	0.001	---	---	19
20	---	---	---	0	0	0	0.001	0	0	0	---	---	20
21	---	---	---	0	0	0	0.001	0	0	0	---	---	21
22	---	---	---	0	0	0	0	0	0	0	---	---	22
23	---	---	---	0	0	0	0	0	0	0	---	---	23
24	---	---	---	0	0	0.001	0	0	0	0	---	---	24
25	---	---	---	0	0	0	0.001	0	0	0	---	---	25
26	---	---	---	0	0	0	0	0	0	0	---	---	26
27	---	---	---	0	0	0.001	0	0	0	0	---	---	27
28	---	---	---	0	0	0.002	0	0	0	0 A	---	---	28
29	---		---	0	0	0.001	0	0	0	0 E	---	---	29
30	---		---	0	0	0	0	0	0	0 E	---	---	30
31	---		---		0		0.002	0		0 E		---	31
TOTAL	---	---	---	0	0	0.007	0.031	0.008	0.002	0.018	---	---	TOTAL
MEAN	---	---	---	0	0	0	0.001	0	0	0	---	---	MEAN
MAX	---	---	---	0	0	0.002	0.003	0.001	0.001	0.001	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.003 ON JUL 3
MINIMUM DAILY, 0 ON APR 1
MAXIMUM INSTANTANEOUS,
0.006 AT 22:55 CST ON JUL 2

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 25 N
LONG 93 44 15 W
DRAINAGE AREA, 0.97 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2.68
FEB	---	AUG	0.69
MAR	---	SEP	0.17
APR	0	OCT	0.86
MAY	0	NOV	---
JUN	0.60	DEC	---

TOTAL DISCHARGE, 5.00 dam³

LAKE 225 OUTLET NEAR KENORA - STATION NO. 05QD019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0	0	0.005	0	0 E	0.003	---	---	1
2	---	---	---	0	0	0	0.005	0	0 E	0.004	---	---	2
3	---	---	---	0	0	0	0.009	0	0 E	0.004	---	---	3
4	---	---	---	0	0	0	0.010	0	0 E	0.004	---	---	4
5	---	---	---	0	0	0	0.010	0	0 E	0.004	---	---	5
6	---	---	---	0	0	0	0.008	0	0.001E	0.004	---	---	6
7	---	---	---	0	0	0	0.007	0	0 E	0.004	---	---	7
8	---	---	---	0	0	0	0.006	0	0 A	0.004	---	---	8
9	---	---	---	0	0	0	0.004	0	0	0.003	---	---	9
10	---	---	---	0	0	0	0.003	0	0	0.003	---	---	10
11	---	---	---	0	0	0	0.002	0	0	0.003	---	---	11
12	---	---	---	0	0	0	0.002	0	0	0.003	---	---	12
13	---	---	---	0	0	0	0.001	0	0	0.003	---	---	13
14	---	---	---	0	0	0	0.001	0	0	0.003	---	---	14
15	---	---	---	0	0	0	0.001	0	0	0.003	---	---	15
16	---	---	---	0	0	0	0.001	0	0	0.003	---	---	16
17	---	---	---	0	0	0	0.001	0E	0	0.002	---	---	17
18	---	---	---	0	0	0	0.001	0E	0	0.002	---	---	18
19	---	---	---	0	0	0	0.001	0E	0	0.002	---	---	19
20	---	---	---	0	0	0	0.001	0E	0	0.002	---	---	20
21	---	---	---	0	0	0	0.001	0E	0	0.002	---	---	21
22	---	---	---	0	0	0	0	0E	0	0.002	---	---	22
23	---	---	---	0	0	0	0	0E	0	0.001	---	---	23
24	---	---	---	0	0	0	0	0E	0	0.001	---	---	24
25	---	---	---	0	0	0.001	0	0E	0	0.001	---	---	25
26	---	---	---	0	0	0.001	0	0E	0	0.001	---	---	26
27	---	---	---	0	0	0.002	0	0E	0	0.001	---	---	27
28	---	---	---	0	0	0.004	0	0E	0	0.001A	---	---	28
29	---		---	0	0	0.006	0	0E	0	0.001E	---	---	29
30	---		---	0	0	0.005	0	0E	0	0.001E	---	---	30
31	---		---		0		0	0E		0.001E		---	31
TOTAL	---	---	---	0	0	0.019	0.080	0	0.001	0.076	---	---	TOTAL
MEAN	---	---	---	0	0	0.001	0.003	0	0	0.002	---	---	MEAN
MAX	---	---	---	0	0	0.006	0.010	0	0.001	0.004	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0.001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.010 ON JUL 4
MINIMUM DAILY, 0 ON APR 1
MAXIMUM INSTANTANEOUS,
0.011 AT 01:27 CST ON JUL 5

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 15 N
LONG 93 44 25 W
DRAINAGE AREA, 0.30 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	6.91
FEB	---	AUG	0
MAR	---	SEP	0.09
APR	0	OCT	6.57
MAY	0	NOV	---
JUN	1.64	DEC	---

TOTAL DISCHARGE, 15.2 dam³

LAKE 226 OUTLET NEAR KENORA - STATION NO. 05QD015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.003	0.006	0.001E	0.007	0.002E	0	0.009	---	---	1
2	---	---	---	0.004	0.006	0.001E	0.008	0.001E	0	0.016	---	---	2
3	---	---	---	0.004	0.006	0.001E	0.034	0 E	0	0.018	---	---	3
4	---	---	---	0.005	0.005	0.001A	0.006	0 E	0	0.023	---	---	4
5	---	---	---	0.005	0.005	0.002	0.005	0 A	0	0.018	---	---	5
6	---	---	---	0.006	0.005	0.002	0.001	0	0.001	0.015	---	---	6
7	---	---	---	0.006	0.005	0.002	0	0	0.004	0.012	---	---	7
8	---	---	---	0.006	0.004	0.003	0.001	0	0.002	0.007	---	---	8
9	---	---	---	0.006	0.005	0.003	0	0	0	0.005	---	---	9
10	---	---	---	0.006	0.004	0.002	0	0	0	0.005	---	---	10
11	---	---	---	0.006	0.004	0.002	0.001	0.003	0	0.004	---	---	11
12	---	---	---	0.006	0.003	0.002	0.001	0.039	0	0.003	---	---	12
13	---	---	---	0.006	0.004	0.002	0	0.018	0	0.003	---	---	13
14	---	---	---	0.006	0.003	0.003	0	0.001	0	0.008	---	---	14
15	---	---	---	0.005	0.003	0.005	0	0	0	0.048	---	---	15
16	---	---	---	0.005	0.003	0.006	0	0	0	0.052	---	---	16
17	---	---	---	0.005	0.003	0.006	0	0	0	0.036	---	---	17
18	---	---	---	0.005	0.002	0.005	0	0	0	0.031	---	---	18
19	---	---	---	0.005	0.002	0.005	0	0	0	0.028	---	---	19
20	---	---	---	0.005	0.001	0.005	0	0	0	0.021	---	---	20
21	---	---	---	0.004	0.001	0.005	0 A	0	0	0.016	---	---	21
22	---	---	---	0.005	0.001	0.004	0 E	0	0	0.014	---	---	22
23	---	---	---	0.005	0.002	0.004	0 E	0	0	0.013	---	---	23
24	---	---	---	0.006	0.002	0.005	0 E	0.027	0	0.012	---	---	24
25	---	---	---	0.006	0.002	0.007	0 E	0.019	0	0.012	---	---	25
26	---	---	---	0.006	0.001	0.007	0 E	0	0	0.012	---	---	26
27	---	---	---	0.006	0.001	0.001	0 E	0	0	0.015	---	---	27
28	---	---	---	0.007	0.001A	0.002	0 E	0	0	0.015A	---	---	28
29	---		---	0.006	0.001E	0.006	0 E	0	0	0.013E	---	---	29
30	---		---	0.007	0.002E	0.007	0 E	0	0.001	0.012E	---	---	30
31	---		---		0.002E		0.002E	0		0.011E		---	31
TOTAL	---	---	---	0.163	0.095	0.107	0.066	0.110	0.008	0.507	---	---	TOTAL
MEAN	---	---	---	0.005	0.003	0.004	0.002	0.004	0	0.016	---	---	MEAN
MAX	---	---	---	0.007	0.006	0.007	0.034	0.039	0.004	0.052	---	---	MAX
MIN	---	---	---	0.003	0.001	0.001	0	0	0	0.003	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.005
MAXIMUM DAILY, 0.052 ON OCT 16
MINIMUM DAILY, 0 ON JUL 7
MAXIMUM INSTANTANEOUS,
0.140 AT 13:55 CST ON OCT 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 15 N
LONG 93 44 20 W
DRAINAGE AREA, 0.97 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5.70
FEB	---	AUG	9.50
MAR	---	SEP	0.69
APR	14.1	OCT	43.9
MAY	8.21	NOV	---
JUN	9.24	DEC	---

TOTAL DISCHARGE, 91.2 dam³

LAKE 227 NEAR KENORA - STATION NO. 05QD009

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	29.018	28.980	28.947	29.049	28.974	28.896	29.041	---	---	1
2	---	---	---	29.021	28.978	28.944	29.038	28.971	28.890	29.054	---	---	2
3	---	---	---	29.020	28.979	28.945	29.090	28.969	28.888	29.059	---	---	3
4	---	---	---	29.018	28.980	28.943	29.089	28.966	28.882	29.068	---	---	4
5	---	---	---	29.017	28.978	28.969	29.067	28.961	28.877	29.071	---	---	5
6	---	---	---	29.011	28.975	28.979	29.047	28.969	28.910	29.066	---	---	6
7	---	---	---	29.010	28.972	28.980	29.032	28.976	29.018	29.056	---	---	7
8	---	---	---	29.007	28.974	28.996	29.021	28.972	29.025	29.048	---	---	8
9	---	---	---	29.006	28.973	28.996	29.006	28.968	29.022	29.039	---	---	9
10	---	---	---	29.006	28.973	28.991	28.996	28.965	29.018	29.040	---	---	10
11	---	---	---	29.005	28.969	28.987	28.991	28.961	29.008	29.041	---	---	11
12	---	---	---	29.002	28.968	28.981	28.988	28.958	29.004	29.037	---	---	12
13	---	---	---	29.002	28.965	28.979	28.981	28.956	29.001	29.036	---	---	13
14	---	---	---	28.999	28.962	28.997	28.975	28.951	28.996	29.033	---	---	14
15	---	---	---	28.999	28.963	29.064	28.973	28.946	28.988	29.029	---	---	15
16	---	---	---	28.996	28.957	29.067	28.973	28.942	28.983	29.025	---	---	16
17	---	---	---	28.993	28.954	29.053	28.990	28.936	28.979	29.023	---	---	17
18	---	---	---	28.991	28.951	29.041	28.997	28.934	28.978	29.021	---	---	18
19	---	---	---	28.991	28.948	29.031	28.994	28.932	28.976	29.016	---	---	19
20	---	---	---	28.988	28.944	29.026	28.989	28.928	28.972	29.015	---	---	20
21	---	---	---	28.982	28.940	29.017	28.984	28.925	28.968	29.009	---	---	21
22	---	---	---	28.987	28.945	29.009	28.980	28.921	28.964	29.009	---	---	22
23	---	---	---	28.991	28.947	28.999	28.976	28.919	28.964	29.005	---	---	23
24	---	---	---	28.987	28.947	29.015	28.973	28.917	28.967	29.007	---	---	24
25	---	---	---	28.986	28.950	29.033	28.974	28.915	28.965	29.010	---	---	25
26	---	---	---	28.987	28.947	29.032	28.970	28.914	28.978	29.005	---	---	26
27	---	---	---	28.986	28.944	29.038	28.964	28.910	28.998	29.002	---	---	27
28	---	---	---	28.985	28.944	29.074	28.961	28.908	29.001	29.002A	---	---	28
29	---		---	28.985	28.947	29.082	28.956	28.901	29.000	29.003E	---	---	29
30	---		---	28.983	28.950	29.066	28.953	28.902	29.005	29.002E	---	---	30
31	---		---		28.948		28.976	28.896		29.002E		---	31
MEAN	---	---	---	28.999	28.960	29.009	28.998	28.941	28.971	29.028	---	---	MEAN
MAX	---	---	---	29.021	28.980	29.082	29.090	28.976	29.025	29.071	---	---	MAX
MIN	---	---	---	28.982	28.940	28.943	28.953	28.896	28.877	29.002	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 29.090 ON JUL 3

MAXIMUM INSTANTANEOUS,
29.102 AT 12:44 CST ON JUL 3

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 12 N
LONG 93 41 18 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

LAKE 227 OUTLET NEAR KENORA - STATION NO. 05QD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.002B	0.003	0	0.012	0.001	0 E	0.006	---	---	1
2	---	---	---	0.002	0.003	0	0.009	0.001	0 E	0.009	---	---	2
3	---	---	---	0.003	0.003	0	0.022	0.001	0 E	0.009	---	---	3
4	---	---	---	0.003	0.002	0	0.021	0.001	0 E	0.011	---	---	4
5	---	---	---	0.003	0.001	0.001	0.015	0.001	0 E	0.012	---	---	5
6	---	---	---	0.002	0.001	0.001	0.011	0.001	0 E	0.011	---	---	6
7	---	---	---	0.002	0.001	0.002	0.008	0.001	0.004E	0.009	---	---	7
8	---	---	---	0.002	0.001	0.003	0.005	0.001	0.005A	0.008	---	---	8
9	---	---	---	0.002	0.001	0.003	0.003	0.001	0.005	0.007	---	---	9
10	---	---	---	0.002	0.001	0.003	0.002	0.001	0.005	0.007	---	---	10
11	---	---	---	0.002	0.001	0.002	0.002	0 A	0.004	0.006	---	---	11
12	---	---	---	0.001	0.001	0.002	0.002	0 E	0.002	0.005	---	---	12
13	---	---	---	0.002	0.001	0.002	0.001	0 E	0.002	0.006	---	---	13
14	---	---	---	0.002	0.001	0.005	0.001	0 E	0.002	0.005	---	---	14
15	---	---	---	0.002	0.001	0.017	0.001	0 E	0.001	0.004	---	---	15
16	---	---	---	0.002	0	0.017	0.001	0 E	0.001	0.004	---	---	16
17	---	---	---	0.003	0	0.013	0.002	0 E	0.001	0.004	---	---	17
18	---	---	---	0.003	0	0.010	0.002	0 E	0.001	0.003	---	---	18
19	---	---	---	0.003	0	0.008	0.002	0 E	0.001	0.003	---	---	19
20	---	---	---	0.003	0	0.006	0.002	0 E	0.001	0.003	---	---	20
21	---	---	---	0.003	0	0.005	0.001	0 E	0	0.003	---	---	21
22	---	---	---	0.004	0	0.004	0.001	0 E	0	0.002	---	---	22
23	---	---	---	0.004	0	0.003	0.001	0 E	0	0.002	---	---	23
24	---	---	---	0.004	0	0.006	0.001	0 E	0	0.002	---	---	24
25	---	---	---	0.003	0	0.008	0.001	0 E	0	0.002	---	---	25
26	---	---	---	0.003	0	0.009	0.001	0 E	0.001	0.002	---	---	26
27	---	---	---	0.003	0	0.010	0.001	0 E	0.001	0.002	---	---	27
28	---	---	---	0.004	0	0.017	0	0 E	0.002	0.002A	---	---	28
29	---		---	0.004	0	0.019	0	0 E	0.001	0.002E	---	---	29
30	---		---	0.004	0	0.016	0	0 E	0.002	0.002E	---	---	30
31	---		---		0		0.001	0 E		0.002E		---	31
TOTAL	---	---	---	0.082	0.022	0.192	0.132	0.010	0.042	0.155	---	---	TOTAL
MEAN	---	---	---	0.003	0.001	0.006	0.004	0	0.001	0.005	---	---	MEAN
MAX	---	---	---	0.004	0.003	0.019	0.022	0.001	0.005	0.012	---	---	MAX
MIN	---	---	---	0.001	0	0	0	0	0	0.002	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.003
MAXIMUM DAILY, 0.022 ON JUL 3
MINIMUM DAILY, 0 ON MAY 16
MAXIMUM INSTANTANEOUS,
0.025 AT 20:13 CST ON JUL 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 18 N
LONG 93 41 19 W
DRAINAGE AREA, 0.34 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	11.4
FEB	---	AUG	0.86
MAR	---	SEP	3.63
APR	7.08	OCT	13.4
MAY	1.90	NOV	---
JUN	16.6	DEC	---

TOTAL DISCHARGE, 54.9 dam³

LAKE 239 NEAR KENORA - STATION NO. 05PD021

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	29.519	29.501	29.480	29.549	29.565	29.513	29.717	29.569	29.473	29.635	29.600	29.566	1
2	29.521	29.500	29.478	29.559	29.564	29.512	29.708	29.564	29.467	29.662	29.599	29.564	2
3	29.518	29.498	29.481	29.566	29.562	29.509	29.769	29.562	29.461	29.670	29.596	29.563	3
4	29.517	29.498	29.481	29.568	29.563	29.509	29.781	29.558	29.454	29.679	29.595	29.562	4
5	29.515	29.497	29.481	29.567	29.558	29.524	29.767	29.553	29.450	29.690	29.592	29.562	5
6	29.515	29.496	29.481	29.568	29.555	29.527	29.750	29.562	29.481	29.691	29.589	29.559	6
7	29.514	29.497	29.481	29.570	29.550	29.529	29.729	29.567	29.604	29.686	29.586	29.557	7
8	29.510	29.496	29.482	29.570	29.550	29.544	29.711	29.565	29.625	29.680	29.584	29.554	8
9	29.508	29.494	29.480	29.569	29.548	29.542	29.691	29.560	29.624	29.673	29.577	29.554	9
10	29.508	29.495	29.480	29.568	29.545	29.540	29.673	29.555	29.624	29.675	29.573	29.551	10
11	29.508	29.497	29.480	29.569	29.541	29.537	29.658	29.548	29.623	29.669	29.571	29.551	11
12	29.508	29.493	29.478	29.567	29.540	29.532	29.646	29.547	29.612	29.668	29.570	29.551	12
13	29.506	29.493	29.479	29.569	29.532	29.534	29.634	29.541	29.603	29.670	29.569	29.552	13
14	29.504	29.493	29.479	29.567	29.537	29.552	29.625	29.539	29.597	29.662	29.568	29.550	14
15	29.503	29.492	29.476	29.564	29.536	29.610	29.618	29.532	29.591	29.654	29.567	29.549	15
16	29.504	29.490	29.478	29.563	29.533	29.630	29.612	29.523	29.581	29.648	29.576	29.548	16
17	29.503	29.489	29.476	29.562	29.527	29.631	29.624	29.520	29.572	29.643	29.579	29.545	17
18	29.503	29.489	29.476	29.560	29.524	29.629	29.625	29.518	29.563	29.638	29.579	29.541	18
19	29.500	29.488	29.477	29.562	29.523	29.623	29.615	29.512	29.558	29.632	29.577	29.542	19
20	29.502	29.486	29.479	29.562	29.521	29.617	29.606	29.510	29.556	29.627	29.574	29.542	20
21	29.499	29.485	29.475	29.559	29.520	29.610	29.595	29.507	29.550	29.619	29.569	29.545	21
22	29.499	29.484	29.479	29.566	29.524	29.605	29.589	29.501	29.544	29.611	29.563	29.543	22
23	29.498	29.484	29.478	29.569	29.527	29.599	29.581	29.498	29.540	29.606	29.563	29.546	23
24	29.495	29.485	29.481	29.570	29.525	29.615	29.578	29.492	29.540	29.603	29.564	29.545	24
25	29.495	29.483	29.481	29.568	29.525	29.629	29.580	29.490	29.539	29.601	29.562	29.545	25
26	29.496	29.482	29.492	29.571	29.521	29.633	29.572	29.491	29.553	29.595	29.569	29.543	26
27	29.497	29.481	29.500	29.572	29.519	29.646	29.565	29.487	29.575	29.590	29.573	29.540	27
28	29.496	29.480	29.513	29.572	29.517	29.690	29.562	29.481	29.583	29.590	29.571	29.544	28
29	29.496		29.524	29.572	29.518	29.727	29.555	29.478	29.583	29.592	29.570	29.543	29
30	29.495		29.530	29.569	29.518	29.728	29.547	29.476	29.592	29.596	29.567	29.537	30
31	29.497		29.539		29.513		29.572	29.473		29.601		29.536	31
MEAN	29.505	29.491	29.486	29.566	29.536	29.588	29.640	29.525	29.557	29.641	29.576	29.549	MEAN
MAX	29.521	29.501	29.539	29.572	29.565	29.728	29.781	29.569	29.625	29.691	29.600	29.566	MAX
MIN	29.495	29.480	29.475	29.549	29.513	29.509	29.547	29.473	29.450	29.590	29.562	29.536	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 29.555
MAXIMUM DAILY, 29.781 ON JUL 4
MINIMUM DAILY, 29.450 ON SEP 5
MAXIMUM INSTANTANEOUS,
29.783 AT 00:34 CST ON JUL 4

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 43 N
LONG 93 43 36 W

NATURAL FLOW

LAKE 239 OUTLET NEAR KENORA - STATION NO. 05PD023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.006	0.003	0.002	0.015	0.020	0.004	0.103	0.014	0.001	0.047	0.034	0.019	1
2	0.007	0.003	0.002	0.018	0.019	0.004	0.094	0.013	0.001	0.066	0.033	0.018	2
3	0.006	0.002	0.002	0.021	0.019	0.003	0.152	0.012	0	0.072	0.031	0.018	3
4	0.006	0.003	0.002	0.022	0.019	0.003	0.162	0.010	0	0.081	0.031	0.018	4
5	0.006	0.003	0.002	0.021	0.017	0.006	0.150	0.010	0	0.085	0.030	0.017	5
6	0.006	0.003	0.002	0.021	0.016	0.006	0.135	0.011	0.004	0.086	0.029	0.016	6
7	0.006	0.003	0.002	0.022	0.016	0.007	0.119	0.014	0.037	0.083	0.027	0.016	7
8	0.006	0.003	0.002	0.022	0.015	0.010	0.102	0.013	0.048	0.078	0.026	0.016	8
9	0.006	0.003	0.002	0.023	0.010	0.010	0.085	0.012	0.048	0.074	0.023	0.015	9
10	0.005	0.003	0.002	0.022	0.008	0.010	0.072	0.010	0.047	0.076	0.022	0.014	10
11	0.005	0.003	0.002	0.022	0.008	0.009	0.064	0.009	0.045	0.075	0.022	0.015	11
12	0.005	0.003	0.002	0.022	0.008	0.009	0.057	0.009	0.041	0.071	0.020	0.015	12
13	0.005	0.003	0.002	0.021	0.007	0.008	0.047	0.007	0.038	0.070	0.019	0.016	13
14	0.005	0.003	0.002	0.021	0.006	0.013	0.038	0.006	0.036	0.068	0.020	0.015	14
15	0.005	0.003	0.002	0.020	0.006	0.035	0.033	0.005	0.030	0.064	0.020	0.014	15
16	0.004	0.002	0.001	0.020	0.005	0.046	0.031	0.004	0.027	0.060	0.024	0.014	16
17	0.004	0.003	0.002	0.020	0.003	0.046	0.036	0.003	0.025	0.057	0.024	0.014	17
18	0.004	0.002	0.002	0.019	0.002	0.045	0.036	0.002	0.022	0.052	0.025	0.013	18
19	0.004	0.003	0.002	0.020	0.002	0.043	0.033	0.002	0.020	0.048	0.022	0.013	19
20	0.004	0.003	0.002	0.020	0.002	0.040	0.027	0.002	0.017	0.045	0.020	0.013	20
21	0.003	0.002	0.002	0.019	0.002	0.037	0.022	0.001	0.015	0.040	0.019	0.013	21
22	0.003	0.002	0.001	0.021	0.002	0.033	0.018	0.001	0.013	0.037	0.019	0.012	22
23	0.003	0.002	0.002	0.022	0.003	0.031	0.016	0.001	0.012	0.035	0.017	0.013	23
24	0.003	0.002	0.002	0.021	0.003	0.037	0.017	0.001	0.013	0.032	0.017	0.013	24
25	0.003	0.002	0.002	0.021	0.003	0.043	0.019	0.001	0.011	0.033	0.018	0.013	25
26	0.003	0.002	0.003	0.021	0.003	0.045	0.016	0.001	0.015	0.030	0.020	0.012	26
27	0.003	0.002	0.004	0.023	0.003	0.052	0.014	0	0.022	0.028	0.022	0.012	27
28	0.002	0.002	0.006	0.022	0.003	0.082	0.012	0.001	0.025	0.027	0.022	0.011	28
29	0.002		0.009	0.022	0.004	0.105	0.010	0.001	0.026	0.029	0.021	0.010	29
30	0.002		0.010	0.021	0.005	0.106	0.009	0.001	0.027	0.031	0.020	0.011	30
31	0.002		0.012		0.004		0.015	0.001		0.033		0.010	31
TOTAL	0.134	0.073	0.092	0.625	0.243	0.928	1.744	0.178	0.666	1.713	0.697	0.439	TOTAL
MEAN	0.004	0.003	0.003	0.021	0.008	0.031	0.056	0.006	0.022	0.055	0.023	0.014	MEAN
MAX	0.007	0.003	0.012	0.023	0.020	0.106	0.162	0.014	0.048	0.086	0.034	0.019	MAX
MIN	0.002	0.002	0.001	0.015	0.002	0.003	0.009	0	0	0.027	0.017	0.010	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.021
MAXIMUM DAILY, 0.162 ON JUL 4
MINIMUM DAILY, 0 ON AUG 27
MAXIMUM INSTANTANEOUS,
0.165 AT 01:19 CST ON JUL 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 24 N
LONG 93 43 32 W
DRAINAGE AREA, 3.90 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11.6	JUL	151
FEB	6.31	AUG	15.4
MAR	7.95	SEP	57.5
APR	54.0	OCT	148
MAY	21.0	NOV	60.2
JUN	80.2	DEC	37.9

TOTAL DISCHARGE, 651 dam³

LAKE 239, LOWER EAST INLET, NEAR KENORA - STATION NO. 05PD024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.035	0.008	0.002	0.021	0.009	0	0.124	---	---	1
2	---	---	---	0.038	0.007	0.002	0.017	0.004	0	0.082	---	---	2
3	---	---	---	0.030	0.007A	0.001	0.172	0.003	0	0.044	---	---	3
4	---	---	---	0.023	0.006E	0.002	0.049	0.002	0	0.049	---	---	4
5	---	---	---	0.020	0.006A	0.015	0.024	0.001	0	0.048	---	---	5
6	---	---	---	0.015	0.005	0.011	0.014	0.006	0.079	0.034	---	---	6
7	---	---	---	0.017	0.005	0.009	0.008	0.011	0.162	0.024	---	---	7
8	---	---	---	0.015	0.005	0.022	0.006	0.005	0.043	0.019	---	---	8
9	---	---	---	0.015	0.006	0.011	0.004	0.004	0.024	0.017	---	---	9
10	---	---	---	0.015	0.005	0.006	0.002	0.003	0.016	0.026	---	---	10
11	---	---	---	0.014	0.004	0.004	0.002	0.001	0.010	0.023	---	---	11
12	---	---	---	0.011	0.004	0.003	0.001	0.001	0.008	0.021	---	---	12
13	---	---	---	0.010	0.003	0.003	0.001	0.001	0.005	0.023	---	---	13
14	---	---	---	0.008	0.003	0.023	0.001	0	0.004	0.020	---	---	14
15	---	---	---	0.007	0.004	0.105	0.001	0	0.003	0.016	---	---	15
16	---	---	---	0.007	0.003	0.044	0.003	0	0.003	0.014	---	---	16
17	---	---	---	0.008	0.002	0.024	0.021	0	0.002	0.013	---	---	17
18	---	---	---	0.008	0.002	0.020	0.012	0	0.002	0.014	---	---	18
19	---	---	---	0.007	0.002	0.013	0.005	0	0.002	0.012	---	---	19
20	---	---	---	0.008	0.002	0.009	0.004	0	0.002	0.011	---	---	20
21	---	---	---	0.008	0.002	0.007	0.003	0	0.001	0.010	---	---	21
22	---	---	---	0.013	0.003	0.005	0.002	0	0.001	0.008	---	---	22
23	---	---	---	0.014	0.005	0.003	0.001	0	0.002	0.009	---	---	23
24	---	---	---	0.011	0.004	0.031	0.003	0	0.004	0.008	---	---	24
25	---	---	---	0.009	0.004	0.036	0.007	0	0.004	0.007	---	---	25
26	---	---	---	0.014	0.004	0.022	0.004	0	0.013	0.008	---	---	26
27	---	---	---	0.013	0.003	0.037	0.002	0	0.048	0.008	---	---	27
28	---	---	---	0.012	0.002	0.121	0.001	0	0.035	0.009A	---	---	28
29	---		---	0.011	0.003	0.073	0.001	0	0.019	0.009E	---	---	29
30	---		---	0.010	0.004	0.036	0	0	0.022	0.008E	---	---	30
31	---		---		0.003		0.021	0		0.008E		---	31
TOTAL	---	---	---	0.426	0.126	0.700	0.413	0.051	0.514	0.726	---	---	TOTAL
MEAN	---	---	---	0.014	0.004	0.023	0.013	0.002	0.017	0.023	---	---	MEAN
MAX	---	---	---	0.038	0.008	0.121	0.172	0.011	0.162	0.124	---	---	MAX
MIN	---	---	---	0.007	0.002	0.001	0	0	0	0.007	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.014
MAXIMUM DAILY, 0.172 ON JUL 3
MINIMUM DAILY, 0 ON JUL 30
MAXIMUM INSTANTANEOUS,
0.408 AT 00:00 CST ON SEP 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 40 N
LONG 93 42 47 W
DRAINAGE AREA, 1.70 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	35.7
FEB	---	AUG	4.41
MAR	---	SEP	44.4
APR	36.8	OCT	62.7
MAY	10.9	NOV	---
JUN	60.5	DEC	---

TOTAL DISCHARGE, 255 dam³

LAKE 239, UPPER EAST INLET, NEAR KENORA - STATION NO. 05PD025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.012	0.004	0.002	0.007	0.003	0	0.042	---	---	1
2	---	---	---	0.014	0.004	0.001	0.008	0.002	0	0.028	---	---	2
3	---	---	---	0.013	0.004	0.001	0.070	0.001	0	0.017	---	---	3
4	---	---	---	0.010	0.004	0.001	0.020	0.001	0	0.023	---	---	4
5	---	---	---	0.009	0.004	0.009	0.009	0	0	0.019	---	---	5
6	---	---	---	0.007	0.003	0.006	0.005	0.002	0.039	0.013	---	---	6
7	---	---	---	0.008	0.003	0.005	0.003	0.004	0.059	0.010	---	---	7
8	---	---	---	0.008	0.003	0.012	0.002	0.002	0.015	0.008	---	---	8
9	---	---	---	0.006	0.003	0.006	0.001	0.001	0.008	0.007A	---	---	9
10	---	---	---	0.007	0.003	0.003	0.001	0.001	0.005	0.012E	---	---	10
11	---	---	---	0.006	0.003	0.002	0.001	0.001	0.003	0.011E	---	---	11
12	---	---	---	0.004	0.002	0.002	0.001	0	0.002	0.008E	---	---	12
13	---	---	---	0.004	0.002	0.002	0	0	0.001	0.010E	---	---	13
14	---	---	---	0.004	0.002	0.018	0	0	0.001	0.008E	---	---	14
15	---	---	---	0.003	0.002	0.053	0	0	0.001	0.006E	---	---	15
16	---	---	---	0.003	0.002	0.019	0.001	0	0.001	0.006E	---	---	16
17	---	---	---	0.004	0.002	0.010	0.012	0	0.001	0.005E	---	---	17
18	---	---	---	0.003	0.001	0.008	0.006	0	0.001	0.005E	---	---	18
19	---	---	---	0.004	0.001	0.006	0.003	0	0.001	0.004E	---	---	19
20	---	---	---	0.004	0.001	0.004	0.002	0	0.001	0.004E	---	---	20
21	---	---	---	0.004	0.001	0.003	0.002	0	0.001	0.004E	---	---	21
22	---	---	---	0.007	0.002	0.002	0.001	0	0.001	0.003E	---	---	22
23	---	---	---	0.007	0.003	0.002	0.001	0	0.001	0.003E	---	---	23
24	---	---	---	0.006	0.003	0.018	0.002	0	0.002	0.003E	---	---	24
25	---	---	---	0.005	0.003	0.016	0.004	0	0.002	0.003E	---	---	25
26	---	---	---	0.008	0.002	0.009	0.002	0	0.009	0.003E	---	---	26
27	---	---	---	0.006	0.002	0.020	0.001	0	0.021	0.003E	---	---	27
28	---	---	---	0.006	0.001	0.049	0.001	0	0.011	0.005A	---	---	28
29	---		---	0.005	0.002	0.030	0	0	0.007	0.004E	---	---	29
30	---		---	0.005	0.003	0.013	0	0	0.010	0.004E	---	---	0
31	---		---		0.002		0.009	0		0.003E		---	31
TOTAL	---	---	---	0.192	0.077	0.332	0.175	0.018	0.204	0.284	---	---	TOTAL
MEAN	---	---	---	0.006	0.002	0.011	0.006	0.001	0.007	0.009	---	---	MEAN
MAX	---	---	---	0.014	0.004	0.053	0.070	0.004	0.059	0.042	---	---	MAX
MIN	---	---	---	0.003	0.001	0.001	0	0	0	0.003	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.006
MAXIMUM DAILY, 0.070 ON JUL 3
MINIMUM DAILY, 0 ON JUL 13
MAXIMUM INSTANTANEOUS,
0.222 AT 21:51 CST ON SEP 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 45 N
LONG 93 42 30 W
DRAINAGE AREA, 0.91 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	15.1
FEB	---	AUG	1.56
MAR	---	SEP	17.6
APR	16.6	OCT	24.5
MAY	6.65	NOV	---
JUN	28.7	DEC	---

TOTAL DISCHARGE, 111 dam³

LAKE 240 OUTLET NEAR KENORA - STATION NO. 05PD015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.023E	0.013	0.009	0.029	0.059	0.012	0.258	0.057	0.006	0.116	0.112	0.065	1
2	0.022E	0.014	0.008	0.036	0.057	0.011	0.254	0.055	0.004	0.144	0.109	0.062	2
3	0.021E	0.014	0.008	0.041	0.057	0.011	0.398	0.052	0.002	0.168	0.108	0.062	3
4	0.020E	0.014	0.009	0.047	0.056	0.011	0.434	0.050	0.001	0.213	0.102	0.060	4
5	0.020E	0.014	0.009	0.052	0.052	0.015	0.412	0.047	0	0.253	0.100	0.059	5
6	0.019A	0.014	0.009	0.056	0.050	0.015	0.370	0.048	0.008	0.272	0.093	0.056	6
7	0.018	0.015	0.009	0.059	0.048	0.016	0.322	0.053	0.049	0.270	0.092	0.057	7
8	0.019	0.014	0.009	0.062	0.046	0.020	0.268	0.049	0.066	0.245	0.089	0.056	8
9	0.018	0.014	0.009	0.064	0.043	0.020	0.229	0.046	0.080	0.226	0.084	0.052	9
10	0.017	0.014	0.009	0.068	0.041	0.019	0.196	0.043	0.088	0.229	0.082	0.052	10
11	0.018	0.013	0.009	0.068	0.039	0.018	0.175	0.040	0.095	0.222	0.079	0.053	11
12	0.017	0.013	0.008	0.068	0.036	0.018	0.159	0.039	0.096	0.207	0.076	0.054	12
13	0.018	0.012	0.008	0.068	0.035	0.018	0.145	0.037	0.095	0.196	0.075	0.054	13
14	0.019	0.013	0.008	0.069	0.033	0.025	0.130	0.038	0.089	0.186	0.072	0.055	14
15	0.017	0.013	0.007	0.067	0.030	0.045	0.118	0.031	0.081	0.174	0.074	0.052	15
16	0.017	0.013	0.007	0.068	0.026	0.056	0.109	0.028	0.077	0.162	0.080	0.049	16
17	0.017	0.013	0.007	0.065	0.023	0.060	0.127	0.025	0.073	0.159	0.080	0.048	17
18	0.017	0.013	0.006	0.063	0.021	0.066	0.123	0.023	0.069	0.155	0.080	0.048	18
19	0.017	0.012	0.007	0.064	0.018	0.070	0.115	0.021	0.063	0.147	0.076	0.047	19
20	0.016	0.012	0.007	0.061	0.018	0.072	0.103	0.019	0.057	0.142	0.072	0.046	20
21	0.016	0.011	0.007	0.059	0.017	0.073	0.093	0.018	0.052	0.134	0.068	0.048	21
22	0.016	0.011	0.007	0.062	0.017	0.075	0.084	0.016	0.048	0.131	0.063	0.048	22
23	0.016	0.011	0.007	0.064	0.017	0.077	0.077	0.015	0.046	0.126	0.062	0.047	23
24	0.016	0.010	0.007	0.063	0.015	0.082	0.073	0.013	0.046	0.120	0.064	0.046	24
25	0.015	0.010	0.007	0.062	0.015	0.093	0.069	0.011	0.044	0.124	0.064	0.046	25
26	0.015	0.010	0.009	0.065	0.013	0.099	0.063	0.012	0.049	0.120	0.066	0.044	26
27	0.014	0.010	0.010	0.066	0.013	0.111	0.057	0.010	0.066	0.115	0.071	0.042	27
28	0.015	0.010	0.012	0.066	0.013	0.165	0.053	0.009	0.069	0.113	0.066	0.041	28
29	0.014		0.016	0.064	0.013	0.226	0.050	0.008	0.069	0.111	0.069	0.039	29
30	0.015		0.018	0.062	0.013	0.255	0.046	0.007	0.075	0.112	0.067	0.038	30
31	0.014		0.022		0.012		0.060	0.007		0.114		0.036	31
TOTAL	0.536	0.350	0.284	1.808	0.946	1.848	5.170	0.927	1.663	5.206	2.395	1.562	TOTAL
MEAN	0.017	0.013	0.009	0.060	0.031	0.062	0.167	0.030	0.055	0.168	0.080	0.050	MEAN
MAX	0.023	0.015	0.022	0.069	0.059	0.255	0.434	0.057	0.096	0.272	0.112	0.065	MAX
MIN	0.014	0.010	0.006	0.029	0.012	0.011	0.046	0.007	0	0.111	0.062	0.036	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.062
MAXIMUM DAILY, 0.434 ON JUL 4
MINIMUM DAILY, 0 ON SEP 5
MAXIMUM INSTANTANEOUS,
0.440 AT 15:28 CST ON JUL 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 59 N
LONG 93 43 36 W
DRAINAGE AREA, 7.25 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	46.3	JUL	447
FEB	30.2	AUG	80.1
MAR	24.5	SEP	144
APR	156	OCT	450
MAY	81.7	NOV	207
JUN	160	DEC	135

TOTAL DISCHARGE, 1 960 dam³

LAKE 302 NEAR KENORA - STATION NO. 05QD022

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	27.408	27.462	27.443	27.571	27.492	27.409	27.533	---	---	1
2	---	---	---	27.412	27.462	27.442	27.569	27.489	27.405	27.543	---	---	2
3	---	---	---	27.415	27.465	27.441	27.630	27.484	27.399	27.549	---	---	3
4	---	---	---	27.414	27.469	27.442	27.634	27.482	27.394	27.563	---	---	4
5	---	---	---	27.417	27.466	27.454	27.618	27.480	27.394	27.567	---	---	5
6	---	---	---	27.418	27.463	27.460	27.603	27.487	27.413	27.569	---	---	6
7	---	---	---	27.416	27.465	27.461	27.588	27.486	27.474	27.563	---	---	7
8	---	---	---	27.418	27.465	27.471	27.575	27.485	27.478	27.564	---	---	8
9	---	---	---	27.419	27.466	27.470	27.560	27.486	27.477	27.561	---	---	9
10	---	---	---	27.422	27.464	27.468	27.548	27.480	27.479	27.563	---	---	10
11	---	---	---	27.424	27.462	27.466	27.539	27.476	27.482	27.559	---	---	11
12	---	---	---	27.428	27.462	27.464	27.531	27.473	27.477	27.553	---	---	12
13	---	---	---	27.426	27.462	27.462	27.524	27.470	27.474	27.552	---	---	13
14	---	---	---	27.426	27.461	27.475	27.518	27.466	27.469	27.546	---	---	14
15	---	---	---	27.426	27.460	27.494	27.512	27.461	27.468	27.541	---	---	15
16	---	---	---	27.427	27.456	27.497	27.513	27.455	27.465	27.537	---	---	16
17	---	---	---	27.430	27.452	27.497	27.520	27.451	27.459	27.534	---	---	17
18	---	---	---	27.427	27.450	27.493	27.519	27.449	27.457	27.533	---	---	18
19	---	---	---	27.431	27.449	27.495	27.513	27.446	27.455	27.526	---	---	19
20	---	---	---	27.432	27.446	27.494	27.507	27.443	27.452	27.524	---	---	20
21	---	---	---	27.432	27.445	27.493	27.500	27.437	27.446	27.519	---	---	21
22	---	---	---	27.442	27.447	27.490	27.495	27.436	27.444	27.517	---	---	22
23	---	---	---	27.448	27.452	27.488	27.488	27.437	27.444	27.512	---	---	23
24	---	---	---	27.450	27.450	27.504	27.488	27.435	27.448	27.511	---	---	24
25	---	---	---	27.451	27.447	27.513	27.491	27.432	27.449	27.514	---	---	25
26	---	---	---	27.457	27.444	27.516	27.483	27.429	27.461	27.511	---	---	26
27	---	---	---	27.459	27.441	27.528	27.477	27.423	27.483	27.507	---	---	27
28	---	---	---	27.460	27.442	27.558	27.476	27.421	27.487	27.507A	---	---	28
29	---		---	27.462	27.443	27.578	27.471	27.418	27.488	27.505E	---	---	29
30	---		---	27.464	27.448	27.578	27.470	27.411	27.495	27.503E	---	---	30
31	---		---		27.443		27.496	27.409		27.502E		---	31
MEAN	---	---	---	27.432	27.455	27.488	27.530	27.456	27.454	27.535	---	---	MEAN
MAX	---	---	---	27.464	27.469	27.578	27.634	27.492	27.495	27.569	---	---	MAX
MIN	---	---	---	27.408	27.441	27.441	27.470	27.409	27.394	27.502	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 27.634 ON JUL 4

MAXIMUM INSTANTANEOUS,
27.637 AT 01:11 CST ON JUL 4

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 23 N
LONG 93 45 32 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

LAKE 303 NEAR KENORA - STATION NO. 05PD020

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	55.765	55.724	55.661	55.783	55.717	55.657	55.799	---	---	1
2	---	---	---	55.770	55.722	55.659	55.771	55.717	55.652	55.806	---	---	2
3	---	---	---	55.769	55.721	55.657	55.841	55.713	55.649	55.791	---	---	3
4	---	---	---	55.764	55.717	55.657	55.821	55.712	55.643	55.791	---	---	4
5	---	---	---	55.759	55.714	55.669	55.793	55.710	55.639	55.786	---	---	5
6	---	---	---	55.752	55.714	55.672	55.776	55.718	55.674	55.777	---	---	6
7	---	---	---	55.748	55.713	55.672	55.760	55.725	55.807	55.768	---	---	7
8	---	---	---	55.745	55.710	55.683	55.747	55.724	55.797	55.757	---	---	8
9	---	---	---	55.743	55.711	55.684	55.733	55.724	55.780	55.749	---	---	9
10	---	---	---	55.740	55.707	55.681	55.723	55.723	55.767	55.753	---	---	10
11	---	---	---	55.738	55.705	55.678	55.721	55.720	55.755	55.750	---	---	11
12	---	---	---	55.738	55.703	55.677	55.718	55.716	55.744	55.744	---	---	12
13	---	---	---	55.733	55.701	55.676	55.712	55.715	55.737	55.742	---	---	13
14	---	---	---	55.728	55.698	55.692	55.706	55.710	55.730	55.741	---	---	14
15	---	---	---	55.726	55.694	55.739	55.705	55.703	55.725	55.737	---	---	15
16	---	---	---	55.726	55.688	55.754	55.705	55.699	55.721	55.734	---	---	16
17	---	---	---	55.724	55.681	55.751	55.719	55.695	55.713	55.730	---	---	17
18	---	---	---	55.724	55.676	55.743	55.723	55.690	55.712	55.730	---	---	18
19	---	---	---	55.723	55.675	55.739	55.718	55.688	55.710	55.725	---	---	19
20	---	---	---	55.723	55.673	55.735	55.714	55.685	55.705	55.718	---	---	20
21	---	---	---	55.722	55.669	55.732	55.708	55.683	55.702	55.717	---	---	21
22	---	---	---	55.728	55.671	55.726	55.702	55.678	55.698	55.717	---	---	22
23	---	---	---	55.731	55.670	55.722	55.697	55.676	55.699	55.717	---	---	23
24	---	---	---	55.730	55.670	55.738	55.698	55.675	55.702	55.718	---	---	24
25	---	---	---	55.730	55.668	55.751	55.707	55.672	55.703	55.718	---	---	25
26	---	---	---	55.732	55.666	55.751	55.702	55.669	55.716	55.718	---	---	26
27	---	---	---	55.732	55.664	55.761	55.697	55.665	55.747	55.719	---	---	27
28	---	---	---	55.731	55.664	55.810	55.695	55.666	55.756	55.719A	---	---	28
29	---		---	55.728	55.663	55.823	55.690	55.659	55.751	55.719E	---	---	29
30	---		---	55.727	55.665	55.804	55.687	55.658	55.757	55.717E	---	---	30
31	---		---		55.662		55.717	55.658		55.717E		---	31
MEAN	---	---	---	55.738	55.690	55.717	55.729	55.696	55.718	55.743	---	---	MEAN
MAX	---	---	---	55.770	55.724	55.823	55.841	55.725	55.807	55.806	---	---	MAX
MIN	---	---	---	55.722	55.662	55.657	55.687	55.658	55.639	55.717	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 55.841 ON JUL 3

MAXIMUM INSTANTANEOUS,
55.847 AT 12:14 CST ON JUL 3

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO. 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 47 N
LONG 93 44 23 W

A - ANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

LAKE 303 OUTLET NEAR KENORA - STATION NO. 05PD019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.014	0.003	0	0.024	0.003	0	0.036	---	---	1
2	---	---	---	0.012	0.002	0	0.019	0.003	0	0.042	---	---	2
3	---	---	---	0.011	0.002	0	0.064	0.002	0	0.032	---	---	3
4	---	---	---	0.009	0.002	0	0.045	0.002	0	0.032	---	---	4
5	---	---	---	0.007	0.001	0	0.029	0.002	0	0.030	---	---	5
6	---	---	---	0.006	0.001	0	0.019	0.002	0.004	0.025	---	---	6
7	---	---	---	0.005	0.001	0	0.014	0.003	0.040	0.020	---	---	7
8	---	---	---	0.005	0.001	0.001	0.010	0.003	0.033	0.017	---	---	8
9	---	---	---	0.005	0.001	0.001	0.007	0.003	0.023	0.013	---	---	9
10	---	---	---	0.005	0.001	0.001	0.005	0.003	0.017	0.014	---	---	10
11	---	---	---	0.005	0.001	0.001	0.004	0.002	0.013	0.014	---	---	11
12	---	---	---	0.004	0.001	0	0.003	0.002	0.010	0.013	---	---	12
13	---	---	---	0.004	0	0	0.002	0.001	0.008	0.012	---	---	13
14	---	---	---	0.004	0.001	0.002	0.002	0.001	0.006	0.010	---	---	14
15	---	---	---	0.004	0.002	0.010	0.002	0.001	0.005	0.009	---	---	15
16	---	---	---	0.003	0.001	0.015	0.002	0.001	0.004	0.008	---	---	16
17	---	---	---	0.003	0.001	0.013	0.003	0.001	0.003	0.008	---	---	17
18	---	---	---	0.002	0	0.011	0.003	0	0.003	0.007	---	---	18
19	---	---	---	0.003	0	0.009	0.003	0	0.002	0.006	---	---	19
20	---	---	---	0.003	0	0.008	0.003	0	0.002	0.006	---	---	20
21	---	---	---	0.003	0	0.007	0.002	0	0.001	0.005	---	---	21
22	---	---	---	0.004	0	0.006	0.001	0	0.001	0.004	---	---	22
23	---	---	---	0.004	0	0.005	0.001	0	0.001	0.004	---	---	23
24	---	---	---	0.004	0	0.008	0.001	0	0.002	0.004	---	---	24
25	---	---	---	0.004	0	0.012	0.002	0	0.002	0.005	---	---	25
26	---	---	---	0.004	0	0.012	0.001	0	0.003	0.005	---	---	26
27	---	---	---	0.004	0	0.016	0.001	0	0.011	0.004	---	---	27
28	---	---	---	0.004	0	0.040	0.001	0	0.013	0.004A	---	---	28
29	---		---	0.004	0	0.048	0.001	0	0.012	0.004E	---	---	29
30	---		---	0.003	0	0.034	0	0	0.014	0.004E	---	---	30
31	---		---		0		0.003	0		0.004E		---	31
TOTAL	---	---	---	0.152	0.022	0.260	0.277	0.035	0.233	0.401	---	---	TOTAL
MEAN	---	---	---	0.005	0.001	0.009	0.009	0.001	0.008	0.013	---	---	MEAN
MAX	---	---	---	0.014	0.003	0.048	0.064	0.003	0.040	0.042	---	---	MAX
MIN	---	---	---	0.002	0	0	0	0	0	0.004	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.006
MAXIMUM DAILY, 0.064 ON JUL 3
MINIMUM DAILY, 0 ON MAY 13
MAXIMUM INSTANTANEOUS,
0.074 AT 09:28 CST ON JUL 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 43 N
LONG 93 44 28 W
DRAINAGE AREA, 0.54 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	23.9
FEB	---	AUG	3.02
MAR	---	SEP	20.1
APR	13.1	OCT	34.6
MAY	1.90	NOV	---
JUN	22.5	DEC	---

TOTAL DISCHARGE, 119 dam³

LAKE 304 NEAR KENORA - STATION NO. 05PD018

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	53.713	53.690E	53.627	53.873	53.733	53.642	53.882	---	---	1
2	---	---	---	53.715	53.687E	53.624	53.864	53.730	53.637	53.909	---	---	2
3	---	---	---	53.726	53.684E	53.620	53.934	53.725	53.634	53.909	---	---	3
4	---	---	---	53.734	53.680E	53.620	53.925	53.721	53.628	53.917	---	---	4
5	---	---	---	53.732	53.677E	53.634	53.905	53.718	53.626	53.920	---	---	5
6	---	---	---	53.731	53.674A	53.634	53.886	53.726	53.656	53.914	---	---	6
7	---	---	---	53.729	53.674	53.633	53.867	53.734	53.778	53.907	---	---	7
8	---	---	---	53.729	53.671	53.644	53.848	53.734	53.800	53.900	---	---	8
9	---	---	---	53.727	53.670	53.644	53.831	53.734	53.804	53.892	---	---	9
10	---	---	---	53.726	53.671	53.645	53.819	53.733	53.805	53.893	---	---	10
11	---	---	---	53.726	53.668	53.642	53.811	53.729	53.804	53.890	---	---	11
12	---	---	---	53.724	53.664	53.643	53.801	53.724	53.801	53.884	---	---	12
13	---	---	---	53.725	53.660	53.644	53.787	53.722	53.798	53.883	---	---	13
14	---	---	---	53.724	53.658	53.658	53.779	53.721	53.792	53.883	---	---	14
15	---	---	---	53.720	53.652	53.694	53.768	53.710	53.784	53.875	---	---	15
16	---	---	---	53.714	53.648	53.713	53.763	53.703	53.781	53.868	---	---	16
17	---	---	---	53.712	53.642	53.719	53.778	53.699	53.777	53.864	---	---	17
18	---	---	---	53.710	53.639	53.724	53.779	53.697	53.774	53.866	---	---	18
19	---	---	---	53.709	53.635	53.726	53.771	53.692	53.767	53.858	---	---	19
20	---	---	---	53.707	53.632	53.726	53.763	53.687	53.764	53.857	---	---	20
21	---	---	---	53.702	53.629	53.724	53.751	53.683	53.759	53.854	---	---	21
22	---	---	---	53.705	53.631	53.726	53.745	53.677	53.757	53.848	---	---	22
23	---	---	---	53.703	53.633	53.724	53.737	53.675	53.758	53.844	---	---	23
24	---	---	---	53.701	53.629	53.743	53.733	53.671	53.755	53.844	---	---	24
25	---	---	---	53.700	53.630	53.759	53.735	53.666	53.754	53.845	---	---	25
26	---	---	---	53.702	53.629	53.765	53.728	53.661	53.766	53.842	---	---	26
27	---	---	---	53.701	53.630	53.780	53.722	53.654	53.800	53.839	---	---	27
28	---	---	---	53.700A	53.627	53.841	53.716	53.654	53.812	53.839A	---	---	28
29	---		---	53.697E	53.627	53.881	53.709	53.649	53.817	53.838E	---	---	29
30	---		---	53.693E	53.629	53.885	53.705	53.647	53.826	53.837E	---	---	30
31	---		---		53.629		53.730	53.644		53.837E		---	31
MEAN	---	---	---	53.715	53.652	53.701	53.792	53.698	53.755	53.872	---	---	MEAN
MAX	---	---	---	53.734	53.690	53.885	53.934	53.734	53.826	53.920	---	---	MAX
MIN	---	---	---	53.693	53.627	53.620	53.705	53.644	53.626	53.837	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 53.934 ON JUL 3

MAXIMUM INSTANTANEOUS,
53.940 AT 12:37 CST ON JUL 3

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO. 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 33 N
LONG 93 44 39 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

LAKE 470 OUTLET NEAR KENORA - STATION NO. 05PD017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.003	0.002	0	0.040	0.013	0.001	0.099	0.011	0	0.072	0.021	0.013	1
2	0.003	0.001	0	0.047	0.012	0.001	0.077	0.010	0	0.114	0.022	0.013	2
3	0.003	0.001	0	0.052	0.012	0	0.181	0.010	0	0.110	0.021	0.013	3
4	0.002	0.001	0	0.048	0.011	0	0.186	0.009	0	0.102	0.020	0.012	4
5	0.003	0.001	0	0.042	0.010	0.001	0 127	0.008	0	0.101	0.019	0.012	5
6	0.003	0.001	0	0.036	0.009	0.001	0.087	0.009	0.007	0.088	0.019	0.011	6
7	0.002	0.001	0	0.033	0.009	0.001	0.063	0.010	0.078	0.074	0.018	0.011	7
8	0.002	0.001	0	0.031	0.009	0.002	0.046	0.011	0.109	0.064	0.015	0.010	8
9	0.002	0.001	0	0.028	0.008	0.003	0.036	0.011	0.091	0.053	0.014	0.009	9
10	0.002	0	0	0.027	0.007	0.002	0.029	0.011	0.071	0.049	0.014	0.009	10
11	0.001	0	0	0.027	0.007	0.002	0.024	0.010	0.052	0.047	0.013	0.009	11
12	0.001	0	0	0.025	0.006	0.002	0.020	0.009	0.040	0.041	0.013	0.009	12
13	0.002	0	0	0.022	0.006	0.003	0.016	0.009	0.032	0.037	0.013	0.009	13
14	0.002	0	0	0.019	0.005	0.007	0.014	0.008	0.025	0.036	0.013	0.009	14
15	0.002	0	0	0.017	0.004	0.027	0.013	0.007	0.021	0.034	0.012	0.009	15
16	0.002	0	0	0.016	0.004	0.037	0.012	0.006	0.018	0.031	0.013	0.008	16
17	0.002	0	0	0.015	0.003	0.038	0.014	0.005	0.015	0.027	0.013	0.008	17
18	0.002	0	0	0.014	0.003	0.033	0.016	0.005	0.012	0.025	0.015	0.007	18
19	0.002	0	0	0.013	0.002	0.029	0.016	0.005	0.010	0.024	0.015	0.007	19
20	0.001	0	0	0.013	0.001	0.025	0.015	0.004	0.008	0.023	0.014	0.007	20
21	0.002	0	0	0.012	0.001	0.021	0.013	0.003	0.008	0.021	0.013	0.007	21
22	0.002	0	0	0.014	0.001	0.017	0.013	0.002	0.007	0.021	0.014	0.007	22
23	0.002	0	0	0.015	0.001	0.014	0.011	0.002	0.007	0.019	0.014	0.006	23
24	0.002	0	0	0.015	0.001	0.019	0.010	0.001	0.007	0.018	0.013	0.005	24
25	0.002	0	0	0.016	0.001	0.026	0.011	0.001	0.007	0.018	0.013	0.005	25
26	0.001	0	0.009	0.016	0.001	0.029	0.011	0.001	0.009	0.017	0.013	0.006	26
27	0.001	0	0.012	0.015	0.001	0.036	0.009	0.001	0.015	0.016	0.013	0.005	27
28	0.001	0	0.014	0.014	0.001	0.086	0.008	0	0.025	0.016	0.013	0.005	28
29	0.001		0.018	0.013	0.001	0.149	0.007	0	0.032	0.017	0.013	0.005	29
30	0.001		0.025	0.013	0.001	0.131	0.007	0	0.037	0.018	0.014	0.005	30
31	0.001		0.033		0.001		0.011	0		0.020		0.005	31
TOTAL	0.058	0.010	0.111	0.708	0.152	0.743	1.202	0.179	0.743	1.353	0.450	0.256	TOTAL
MEAN	0.002	0	0.004	0.024	0.005	0.025	0.039	0.006	0.025	0.044	0.015	0.008	MEAN
MAX	0.003	0.002	0.033	0.052	0.013	0.149	0.186	0.011	0.109	0.114	0.022	0.013	MAX
MIN	0.001	0	0	0.012	0.001	0	0.007	0	0	0.016	0.012	0.005	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.016
MAXIMUM DAILY, 0.186 ON JUL 4
MINIMUM DAILY, 0 ON FEB 10
MAXIMUM INSTANTANEOUS,
0.215 AT 23:50 CST ON JUL 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 26 N
LONG 93 43 57 W
DRAINAGE AREA, 1.67 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5.01	JUL	104
FEB	0.86	AUG	15.5
MAR	9.59	SEP	64.2
APR	61.2	OCT	117
MAY	13.1	NOV	38.9
JUN	64.2	DEC	22.1

TOTAL DISCHARGE, 516 dam³

LAKE ERIE AT BAR POINT - STATION NO. 02GH009

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	174.03	173.93	174.05	174.05	174.23	174.36	174.47	174.42	174.33	174.29	174.30	174.22	1
2	173.93	173.69	174.00	174.07	174.26	174.32	174.50	174.42	174.33	174.17	174.29	174.17	2
3	173.98	173.70	174.01	174.12	174.28	174.30	174.50	174.41	174.35	174.18	174.28	174.14	3
4	173.87	173.86	174.08	174.12	174.26	174.27	174.48	174.39	174.31	174.24	174.28	174.15	4
5	173.94	173.90	174.08	173.94	174.25	174.32	174.46	174.37	174.28	174.26	174.28	174.15	5
6	173.92	173.86	174.08	174.04	174.22	174.27	174.45	174.38	174.31	174.24	174.20	174.14	6
7	173.87	173.93	174.02	174.15	174.30	174.31	174.44	174.40	174.35	174.12	174.14	174.14	7
8	173.97	173.77	174.09	174.15	174.31	174.31	174.43	174.39	174.33	174.15	174.15	174.08	8
9	173.95	173.88	174.09	174.09	174.26	174.24	174.41	174.37	174.30	174.22	174.17	174.03	9
10	173.95	173.99	174.08	174.12	174.26	174.27	174.41	174.38	174.25	174.28	174.20	174.00	10
11	173.95	173.78	174.02	174.10	174.21	174.29	174.41	174.37	174.26	174.31	174.18	174.01	11
12	173.93	173.84	174.01	174.26	174.19	174.33	174.43	174.36	174.27	174.34	174.20	174.06	12
13	173.97	173.95	174.02	174.16	174.25	174.37	174.41	174.36	174.31	174.36	174.22	174.10	13
14	173.97	173.94	173.99	173.99	174.30	174.34	174.41	174.36	174.30	174.35	174.23	174.13	14
15	173.96	173.95	174.01	174.14	174.26	174.36	174.43	174.36	174.33	174.32	174.23	174.14	15
16	173.92	173.95	174.04	174.18	174.25	174.36	174.42	174.36	174.35	174.28	174.22	174.11	16
17	173.88	173.96	173.83	174.13	174.32	174.27	174.41	174.38	174.35	174.28	174.21	174.12	17
18	173.88	173.98	174.06	174.08	174.32	174.39	174.41	174.39	174.34	174.21	174.17	174.13	18
19	173.91	173.99	174.05	174.21	174.32	174.38	174.40	174.40	174.29	174.07	174.18	174.08	19
20	173.94	173.96	173.92	174.22	174.30	174.44	174.38	174.41	174.24	174.08	174.18	174.06	20
21	173.92	174.02	174.09	174.28	174.29	174.37	174.38	174.40	174.29	174.12	174.07	174.07	21
22	173.79	174.09	174.16	174.31	174.27	174.24	174.40	174.39	174.36	174.17	174.06	174.09	22
23	173.90	174.09	174.13	174.19	174.32	174.42	174.42	174.36	174.34	174.17	174.10	174.10	23
24	173.90	174.00	174.11	174.04	174.32	174.47	174.45	174.32	174.32	174.16	174.15	174.07	24
25	173.92	174.02	174.11	174.14	174.28	174.37	174.43	174.34	174.31	174.19	174.18	174.06	25
26	173.80	174.07	174.14	174.23	174.28	174.39	174.41	174.35	174.33	174.22	174.22	174.10	26
27	173.89	174.10	174.09	174.23	174.31	174.43	174.41	174.35	174.19	174.24	174.17	174.13	27
28	173.91	174.04	174.15	174.27	174.29	174.46	174.42	174.37	174.06	174.24	174.11	174.11	28
29	173.88		174.13	174.16	174.30	174.46	174.37	174.36	174.16	174.27	174.10	174.12	29
30	173.92		174.08	174.22	174.29	174.45	174.39	174.33	174.24	174.29	174.13	174.12	30
31	173.93		174.14		174.25		174.41	174.33		174.30		174.15	31
MEAN	173.92	173.94	174.06	174.15	174.28	174.35	174.42	174.37	174.29	174.23	174.19	174.11	MEAN
MAX	174.03	174.10	174.16	174.31	174.32	174.47	174.50	174.42	174.36	174.36	174.30	174.22	MAX
MIN	173.79	173.69	173.83	173.94	174.19	174.24	174.37	174.32	174.06	174.07	174.06	174.00	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 174.19
MAXIMUM DAILY, 174.50 ON JUL 2
MINIMUM DAILY, 173.69 ON FEB 2
MAXIMUM INSTANTANEOUS,
174.65 AT 02:30 EST ON JUN 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 03 00 N
LONG 83 06 40 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 12005 BAR POINT, ONT

LAKE ERIE AT ERIEAU - STATION NO. 02GF002

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	174.04	173.92	174.11	174.12	174.26	174.33	174.46	174.40	174.33	174.26	174.26	174.25	1
2	173.98	173.85	174.07	174.13	174.26	174.32	174.46	174.40	174.33	174.23	174.25	174.11	2
3	173.99	173.87	174.09	174.13	174.28	174.33	174.46	174.39	174.36	174.28	174.25	174.15	3
4	173.92	173.89	174.12	174.14	174.28	174.33	174.45	174.38	174.35	174.34	174.24	174.17	4
5	173.97	173.92	174.11	174.10	174.27	174.33	174.45	174.37	174.34	174.33	174.26	174.14	5
6	173.99	173.91	174.10	174.11	174.25	174.32	174.44	174.38	174.36	174.22	174.13	174.16	6
7	173.91	173.91	174.09	174.13	174.28	174.32	174.44	174.41	174.36	174.18	174.18	174.14	7
8	173.97	173.90	174.12	174.14	174.29	---	174.43	174.39	174.32	174.26	174.22	174.09	8
9	173.97	173.91	174.12	174.12	174.29	---	174.42	174.39	174.33	174.29	174.21	174.09	9
10	173.95	173.93	174.12	174.13	174.29	---	174.41	174.38	174.29	174.30	174.23	174.09	10
11	173.95	173.86	174.10	174.15	174.30	---	174.43	174.38	174.32	174.31	174.19	174.13	11
12	173.96	173.91	174.11	174.20	174.28	---	174.43	174.38	174.30	174.34	174.22	174.16	12
13	173.96	173.92	174.09	174.18	174.30	---	174.42	174.37	174.32	174.29	174.22	174.15	13
14	173.95	173.91	174.08	174.15	174.30	---	174.39	174.39	174.30	174.27	174.22	174.15	14
15	173.94	173.91	174.09	174.16	174.31	---	174.41	174.36	174.31	174.25	174.21	174.14	15
16	173.93	173.93	174.07	174.19	174.31	---	174.40	174.37	174.34	174.23	174.20	174.12	16
17	173.92	173.93	174.04	174.20	174.32	---	174.40	174.35	174.34	174.28	174.18	174.16	17
18	173.92	173.94	174.10	174.19	174.32	---	174.40	174.36	174.31	174.13	174.17	174.10	18
19	173.92	173.96	174.10	174.21	174.31	---	174.40	174.37	174.31	174.17	174.23	174.08	19
20	173.92	173.95	174.09	174.18	174.32	---	174.40	174.36	174.29	174.19	174.15	174.10	20
21	173.90	174.00	174.12	174.22	174.31	---	174.38	174.35	174.34	174.23	174.12	174.12	21
22	173.88	174.04	174.12	174.24	174.30	---	174.41	174.35	174.31	174.23	174.17	174.12	22
23	173.90	174.06	174.12	174.24	174.32	---	174.43	174.33	174.30	174.19	174.20	174.11	23
24	173.89	174.06	174.11	174.20	174.32	174.45	174.42	174.32	174.30	174.23	174.21	174.08	24
25	173.90	174.06	174.11	174.21	174.31	174.44	174.40	174.33	174.31	174.22	174.21	174.12	25
26	173.87	174.06	174.13	174.23	174.31	174.43	174.41	174.33	174.32	174.24	174.24	174.17	26
27	173.89	174.10	174.11	174.23	174.32	174.44	174.39	174.34	174.24	174.24	174.07	174.11	27
28	173.90	174.09	174.13	174.24	174.31	174.45	174.41	174.34	174.23	174.25	174.12	174.14	28
29	173.88		174.13	174.24	174.32	174.45	174.40	174.33	174.28	174.27	174.14	174.12	29
30	173.88		174.12	174.27	174.31	174.44	174.41	---	174.31	174.28	174.19	174.14	30
31	173.90		174.15		174.30		174.41	---		174.27		174.20	31
MEAN	173.93	173.95	174.11	174.18	174.30	---	174.42	---	174.32	174.25	174.20	174.13	MEAN
MAX	174.04	174.10	174.15	174.27	174.32	---	174.46	---	174.36	174.34	174.26	174.25	MAX
MIN	173.87	173.85	174.04	174.10	174.25	---	174.38	---	174.23	174.13	174.07	174.08	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MINIMUM DAILY, 173.85 ON FEB 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 15 37 N
LONG 81 54 52 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 12250 ERIEAU, ONT

LAKE ERIE AT KINGSVILLE - STATION NO. 02GH010

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	174.02	173.88	174.08	174.05	174.26	174.36	174.51	174.40	174.32	174.17	174.24	174.29	1
2	173.93	173.62	174.02	174.13	174.26	174.33	174.49	174.39	174.33	174.14	174.24	173.98	2
3	173.96	173.65	174.06	174.11	174.30	174.32	174.47	174.38	174.36	174.27	174.27	174.12	3
4	173.86	173.82	174.12	174.13	174.28	174.31	174.44	174.35	174.24	174.30	174.24	174.16	4
5	173.92	173.86	174.09	173.99	174.24	174.32	174.44	174.35	174.31	174.26	174.22	174.11	5
6	173.89	173.82	174.08	174.08	174.24	174.30	174.44	174.40	174.35	174.08	173.97	174.13	6
7	173.86	173.89	174.04	174.13	174.29	174.32	174.43	174.40	174.36	174.09	174.12	174.08	7
8	173.95	173.73	174.10	174.12	174.31	174.32	174.41	174.34	174.26	174.26	174.20	173.97	8
9	173.93	173.84	174.09	174.09	174.27	174.30	174.40	174.36	174.30	174.31	174.22	174.00	9
10	173.93	173.94	174.09	174.13	174.28	174.32	174.44	174.37	174.23	174.34	174.18	174.00	10
11	173.93	173.72	174.04	174.12	174.27	174.34	174.43	174.34	174.27	174.32	174.16	174.08	11
12	173.90	173.80	174.05	174.28	174.25	174.37	174.41	174.37	174.28	174.36	174.24	174.15	12
13	173.94	173.90	174.04	174.17	174.28	174.38	174.40	174.35	174.33	174.31	174.23	174.12	13
14	173.94	173.90	174.03	174.11	174.32	174.38	174.42	174.36	174.28	174.28	174.21	174.14	14
15	173.93	173.90	174.01	174.16	174.28	174.38	174.41	174.35	174.32	174.21	174.20	174.12	15
16	173.89	173.90	174.06	174.18	174.28	174.36	174.41	174.36	174.35	174.22	174.19	174.05	16
17	173.85	173.91	173.97	174.19	174.33	174.38	174.39	174.38	174.33	174.29	174.13	174.19	17
18	173.85	173.93	174.08	174.17	174.33	174.43	174.39	174.40	174.34	173.86	174.14	174.02	18
19	173.87	173.95	174.06	174.19	174.32	174.40	174.38	174.39	174.21	174.08	174.24	174.00	19
20	173.92	173.93	173.99	174.19	174.30	174.44	174.37	174.37	174.29	174.11	173.96	174.05	20
21	173.89	173.99	174.11	174.27	174.29	174.41	174.40	174.37	174.39	174.26	174.01	174.06	21
22	173.77	174.06	174.12	174.27	174.28	174.35	174.41	174.34	174.32	174.25	174.11	174.11	22
23	173.87	174.06	174.11	174.20	174.31	174.43	174.45	174.31	174.32	174.10	174.19	174.06	23
24	173.86	174.01	174.09	174.12	174.31	174.46	174.42	174.31	174.28	174.22	174.22	173.96	24
25	173.89	174.04	174.09	174.18	174.29	174.38	174.41	174.37	174.31	174.22	174.22	174.08	25
26	173.76	174.06	174.12	174.23	174.29	174.43	174.39	174.33	174.30	174.25	174.26	174.19	26
27	173.85	174.12	174.08	174.23	174.32	174.46	174.41	174.34	174.14	174.23	173.90	174.02	27
28	173.87	174.05	174.13	174.27	174.30	174.46	174.38	174.34	174.17	174.24	174.08	174.16	28
29	173.84		174.11	174.21	174.32	174.44	174.38	174.33	174.28	174.32	174.11	174.07	29
30	173.88		174.09	174.26	174.31	174.43	174.42	174.29	174.36	174.29	174.21	174.11	30
31	173.89		174.13		174.31		174.43	174.31		174.27		174.17	31
MEAN	173.89	173.90	174.07	174.17	174.29	174.38	174.42	174.36	174.30	174.22	174.16	174.09	MEAN
MAX	174.02	174.12	174.13	174.28	174.33	174.46	174.51	174.40	174.39	174.36	174.27	174.29	MAX
MIN	173.76	173.62	173.97	173.99	174.24	174.30	174.37	174.29	174.14	173.86	173.90	173.96	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 174.19
MAXIMUM DAILY, 174.51 ON JUL 1
MINIMUM DAILY, 173.62 ON FEB 2
MAXIMUM INSTANTANEOUS,
174.84 AT 03:15 EST ON NOV 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 01 36 N
LONG 82 44 05 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 12065 KINGSVILLE, ONT

LAKE ERIE AT PORT COLBORNE - STATION NO. 02HA017

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	174.03	173.86	174.11	174.14	174.25	174.22	174.35	174.39	174.31	174.44	174.25	174.11	1
2	174.15	174.07	174.16	174.10	174.27	174.25	174.38	174.40	174.33	174.44	174.25	174.42	2
3	174.06	174.09	174.12	174.13	174.23	174.29	174.40	174.39	174.30	174.35	174.21	174.22	3
4	174.16	173.93	174.06	174.13	174.24	174.34	174.42	174.44	174.41	174.31	174.24	174.14	4
5	174.16	173.89	174.03	174.20	174.27	174.30	174.42	174.45	174.40	174.34	174.25	174.20	5
6	174.14	173.90	174.12	174.18	174.21	174.35	174.42	174.36	174.34	174.55	174.48	174.18	6
7	174.20	173.85	174.16	174.11	174.23	174.32	174.44	174.37	174.36	174.53	174.34	174.24	7
8	174.01	173.93	174.12	174.12	174.20	174.32	174.44	174.41	174.44	174.29	174.29	174.26	8
9	174.02	173.89	174.12	174.15	174.24	174.39	174.48	174.43	174.41	174.23	174.18	174.24	9
10	174.00	173.80	174.11	174.10	174.21	174.39	174.43	174.40	174.52	174.17	174.23	174.23	10
11	173.97	173.98	174.14	174.11	174.25	174.37	174.42	174.45	174.37	174.18	174.25	174.18	11
12	173.96	173.95	174.15	173.86	174.37	174.34	174.41	174.43	174.38	174.13	174.14	174.14	12
13	173.90	173.86	174.12	174.05	174.32	174.32	174.45	174.44	174.32	174.19	174.17	174.18	13
14	173.89	173.88	174.15	174.18	174.22	174.35	174.38	174.41	174.37	174.25	174.16	174.13	14
15	173.88	173.87	174.19	174.18	174.29	174.40	174.38	174.47	174.27	174.29	174.15	174.15	15
16	173.93	173.88	174.06	174.17	174.33	174.43	174.38	174.37	174.20	174.24	174.19	174.22	16
17	173.93	173.89	174.19	174.22	174.27	174.42	174.39	174.33	174.28	174.21	174.24	174.02	17
18	173.95	173.89	174.10	174.26	174.25	174.39	174.38	174.31	174.34	174.70	174.25	174.20	18
19	173.90	173.91	174.11	174.19	174.26	174.39	174.38	174.29	174.49	174.42	174.12	174.23	19
20	173.86	173.98	174.15	174.16	174.30	174.34	174.41	174.30	174.17	174.42	174.42	174.23	20
21	173.86	174.00	174.09	174.14	174.31	174.38	174.39	174.30	174.23	174.11	174.44	174.29	21
22	173.99	173.93	174.05	174.14	174.31	174.53	174.37	174.32	174.24	174.10	174.33	174.14	22
23	173.89	173.99	174.07	174.23	174.28	174.47	174.33	174.37	174.27	174.30	174.22	174.22	23
24	173.88	174.07	174.10	174.33	174.26	174.42	174.35	174.33	174.31	174.21	174.13	174.43	24
25	173.85	174.10	174.10	174.27	174.29	174.53	174.39	174.26	174.29	174.22	174.16	174.24	25
26	173.95	174.08	174.07	174.23	174.28	174.47	174.43	174.28	174.30	174.16	174.15	174.08	26
27	173.89	174.04	174.13	174.23	174.23	174.42	174.40	174.26	174.50	174.19	174.54	174.33	27
28	173.85	174.12	174.09	174.19	174.28	174.42	174.43	174.27	174.41	174.22	174.31	174.13	28
29	173.89		174.12	174.31	174.29	174.44	174.42	174.30	174.26	174.16	174.23	174.24	29
30	173.87		174.13	174.27	174.30	174.40	174.40	174.34	174.21	174.20	174.14	174.21	30
31	173.86		174.10		174.31		174.37	174.32		174.22		174.12	31
MEAN	173.96	173.95	174.11	174.17	174.27	174.38	174.40	174.36	174.34	174.28	174.25	174.20	MEAN
MAX	174.20	174.12	174.19	174.33	174.37	174.53	174.48	174.47	174.52	174.70	174.54	174.43	MAX
MIN	173.85	173.80	174.03	173.86	174.20	174.22	174.33	174.26	174.20	174.10	174.12	174.02	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 174.23
MAXIMUM DAILY, 174.70 ON OCT 18
MINIMUM DAILY, 173.80 ON FEB 10
MAXIMUM INSTANTANEOUS,
175.34 AT 12:45 EST ON OCT 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 52 26 N
LONG 79 15 12 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 12865 PORT COLBORNE, ONT

LAKE ERIE AT PORT DOVER - STATION NO. 02GC028

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	174.07	174.14	174.21	---	174.36	174.36	174.27	174.37	---	---	1
2	---	---	174.10	---	174.23	174.25	174.38	174.35	174.29	174.32	---	174.30	2
3	---	174.04	174.08	---	174.19	174.27	174.39	174.35	174.28	174.25	---	174.15	3
4	---	173.90	174.05	---	174.21	174.31	174.40	174.38	174.38	174.26	---	174.10	4
5	---	173.87	174.03	---	174.23	174.28	174.40	174.36	174.35	174.28	---	174.14	5
6	---	173.89	174.07	---	174.20	174.30	174.40	174.32	174.31	174.42	---	174.13	6
7	---	173.84	174.11	---	174.21	174.29	174.41	174.34	174.32	174.35	---	174.17	7
8	---	173.92	174.07	---	174.19	174.30	174.41	174.38	174.35	174.22	---	174.16	8
9	---	173.86	174.08	---	174.23	174.34	174.43	174.36	174.32	174.19	---	174.13	9
10	---	173.80	174.08	---	174.20	174.34	174.39	174.35	174.38	174.17	---	174.12	10
11	---	173.97	174.10	174.07	174.24	174.33	174.39	174.38	174.33	174.17	---	174.11	11
12	---	173.93	174.13	173.90	174.30	174.31	174.39	174.36	174.32	174.14	---	174.09	12
13	---	173.85	174.08	174.06	174.28	174.30	174.40	174.37	174.27	174.18	---	174.12	13
14	---	173.85	174.11	174.12	174.21	174.34	174.35	174.37	174.31	174.21	---	174.10	14
15	---	173.85	174.16	174.13	174.27	174.37	174.35	174.39	174.23	174.23	---	174.10	15
16	---	173.86	174.04	174.13	174.30	174.39	174.34	174.33	174.20	174.19	---	174.15	16
17	---	173.87	174.12	174.16	174.26	174.38	174.36	174.28	174.30	174.18	---	174.00	17
18	---	173.87	174.07	174.18	---	174.36	174.35	174.28	174.30	174.53	---	174.15	18
19	---	173.89	174.07	174.16	---	174.37	174.36	174.27	174.38	174.26	---	174.14	19
20	---	173.95	174.13	174.14	---	174.32	174.39	174.27	174.29	174.30	---	174.15	20
21	---	173.97	174.07	174.13	---	174.37	174.37	174.27	174.20	174.09	---	174.20	21
22	---	173.94	174.04	174.13	---	174.46	174.35	174.29	174.21	174.10	---	174.08	22
23	---	173.99	174.05	174.21	---	174.42	174.33	174.30	174.21	174.23	---	174.14	23
24	---	174.05	174.07	174.26	---	174.40	174.34	174.29	174.25	174.15	---	174.26	24
25	---	174.05	174.07	174.20	---	174.46	174.36	174.23	174.24	174.17	---	174.14	25
26	---	174.04	174.06	174.18	---	174.40	174.39	174.26	174.27	174.14	---	174.05	26
27	---	174.02	174.09	174.18	---	174.39	174.36	174.23	174.37	174.16	---	174.23	27
28	---	174.10	174.07	174.16	---	174.40	174.40	174.25	174.27	174.18	---	174.07	28
29	---		174.09	174.25	---	174.41	174.38	174.27	174.20	174.15	---	174.15	29
30	---		174.11	174.23	---	174.38	174.35	174.30	174.18	174.16	---	174.13	30
31	---		174.07		---		174.34	174.28		174.19		174.09	31
MEAN	---	---	174.08	---	---	---	174.37	174.32	174.29	174.22	---	---	MEAN
MAX	---	---	174.16	---	---	---	174.43	174.39	174.38	174.53	---	---	MAX
MIN	---	---	174.03	---	---	---	174.33	174.23	174.18	174.09	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 46 51 N
LONG 80 12 06 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 12710 PORT DOVER, ONT

LAKE ERIE AT PORT STANLEY - STATION NO. 02GC027

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	174.04	173.91	174.12	174.14	174.25	174.29	174.41	174.39	174.32	174.32	174.25	174.21	1
2	173.99	173.97	174.09	174.12	174.26	174.30	174.42	174.39	174.32	174.27	174.23	174.21	2
3	174.00	173.99	174.10	174.14	174.25	174.31	174.44	174.39	174.34	174.28	174.23	174.16	3
4	173.99	173.92	174.12	174.17	174.26	174.32	174.44	174.39	174.41	174.30	174.23	174.14	4
5	174.02	173.92	174.09	174.13	174.26	174.32	174.44	174.35	174.35	174.30	174.25	174.14	5
6	174.05	173.93	174.10	174.11	174.22	174.32	174.43	174.36	174.35	174.31	174.20	174.16	6
7	173.95	173.90	174.10	174.13	174.26	174.31	174.43	174.38	174.36	174.22	174.21	174.18	7
8	173.97	173.95	174.11	174.14	174.26	174.33	174.43	174.40	174.34	174.24	174.23	174.13	8
9	173.99	173.91	174.12	174.12	174.27	174.35	174.43	174.39	174.33	174.26	174.19	174.13	9
10	173.95	173.89	174.12	174.12	174.26	174.35	174.40	174.39	174.36	174.25	174.23	174.11	10
11	173.95	173.91	174.11	174.12	174.28	174.35	174.42	174.39	174.34	174.25	174.19	174.14	11
12	173.97	173.94	174.15	174.08	174.28	174.34	174.42	174.39	174.32	174.24	174.18	174.14	12
13	173.94	173.90	174.10	174.14	174.30	174.35	174.41	174.40	174.32	174.25	174.19	174.15	13
14	173.93	173.90	174.12	174.15	174.26	174.38	174.36	174.39	174.32	174.26	174.19	174.14	14
15	173.92	173.90	174.16	174.16	174.31	174.39	174.38	174.39	174.28	174.26	174.18	174.13	15
16	173.93	173.91	174.06	174.18	174.31	174.40	174.38	174.33	174.30	174.22	174.18	174.13	16
17	173.94	173.91	174.07	174.21	174.30	174.40	174.38	174.33	174.33	174.25	174.18	174.10	17
18	173.94	173.92	174.10	174.18	174.29	174.41	174.38	174.34	174.34	174.33	174.17	174.12	18
19	173.93	173.94	174.09	174.19	174.29	174.40	174.39	174.33	174.37	174.20	174.17	174.12	19
20	173.89	173.96	174.11	174.16	174.31	174.37	174.41	174.33	174.29	174.28	174.23	174.13	20
21	173.89	174.00	174.11	174.18	174.31	174.40	174.38	174.33	174.28	174.17	174.18	174.20	21
22	173.94	174.01	174.09	174.19	174.31	174.43	174.38	174.33	174.25	174.18	174.18	174.11	22
23	173.90	174.05	174.09	174.25	174.30	174.43	174.39	174.33	174.26	174.21	174.19	174.12	23
24	173.89	174.08	174.10	174.22	174.30	174.43	174.39	174.30	174.28	174.20	174.16	174.19	24
25	173.88	174.06	174.10	174.20	174.31	174.44	174.40	174.30	174.29	174.21	174.18	174.14	25
26	173.92	174.06	174.11	174.21	174.30	174.41	174.41	174.31	174.32	174.20	174.22	174.13	26
27	173.90	174.08	174.11	174.21	174.29	174.43	174.38	174.29	174.31	174.21	174.21	174.18	27
28	173.89	174.12	174.12	174.23	174.30	174.43	174.42	174.31	174.24	174.23	174.14	174.13	28
29	173.89		174.13	174.25	174.31	174.44	174.39	174.32	174.26	174.22	174.14	174.14	29
30	173.88		174.14	174.26	174.30	174.43	174.39	174.34	174.25	174.23	174.16	174.15	30
31	173.88		174.12		174.28		174.38	174.32		174.25		174.18	31
MEAN	173.94	173.96	174.11	174.17	174.28	174.38	174.40	174.35	174.31	174.25	174.20	174.15	MEAN
MAX	174.05	174.12	174.16	174.26	174.31	174.44	174.44	174.40	174.41	174.33	174.28	174.21	MAX
MIN	173.88	173.89	174.06	174.08	174.22	174.29	174.36	174.29	174.24	174.17	174.14	174.10	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 174.21
MAXIMUM DAILY, 174.44 ON JUN 25
MINIMUM DAILY, 173.88 ON JAN 25
MAXIMUM INSTANTANEOUS,
174.59 AT 09:30 EST ON JUN 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 39 32 N
LONG 81 12 48 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 12400 PORT STANLEY, ONT

LAKE HURON AT COLLINGWOOD - STATION NO. 02ED012

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	176.26	176.42	176.30	176.45	176.47	176.53	176.55	176.49	176.31	176.45	176.19	1
2	176.46	176.39	176.47	176.40	176.47	176.45	176.52	176.55	176.56	176.53	176.47	176.40	2
3	176.34	176.35	176.42	176.33	176.41	176.47	176.53	176.56	176.52	176.55	176.43	176.40	3
4	176.42	176.35	176.34	176.33	176.41	176.53	176.55	176.56	176.50	176.48	176.45	176.37	4
5	176.40	176.35	176.34	176.50	176.48	176.50	176.56	176.61	176.51	176.47	176.42	176.40	5
6	176.40	176.35	176.39	176.45	176.49	176.56	176.57	176.55	176.52	176.59	176.60	176.37	6
7	176.47	176.27	176.41	176.37	176.48	176.51	176.58	176.52	176.54	176.74	176.52	176.35	7
8	176.38	176.36	176.38	176.36	176.45	176.48	176.59	176.53	176.64	176.56	176.49	176.43	8
9	176.39	176.35	176.37	176.44	176.44	176.56	176.62	176.58	176.60	176.47	176.47	176.43	9
10	176.38	176.22	176.38	176.40	176.40	176.53	176.61	176.57	176.63	176.44	176.47	176.46	10
11	176.33	176.37	176.39	176.41	176.43	176.54	176.58	176.60	176.54	176.47	176.49	176.38	11
12	176.32	176.38	176.40	176.34	176.55	176.52	176.56	176.60	176.60	176.46	176.41	176.32	12
13	176.29	176.30	176.44	176.33	176.54	176.48	176.62	176.57	176.60	176.42	176.43	176.36	13
14	176.31	176.31	176.41	176.50	176.51	176.47	176.62	176.54	176.59	176.44	176.38	176.34	14
15	176.28	176.27	176.44	176.46	176.51	176.53	176.57	176.61	176.57	176.51	176.37	176.37	15
16	176.30	176.31	176.36	176.46	176.54	176.57	176.58	176.60	176.50	176.52	176.39	176.40	16
17	176.33	176.32	176.40	176.43	176.49	176.58	176.58	176.57	176.47	176.43	176.44	176.30	17
18	176.37	176.30	176.35	176.53	176.50	176.54	176.56	176.56	176.53	176.57	176.48	176.31	18
19	176.35	176.29	176.34	176.44	176.51	176.58	176.55	176.55	176.59	176.62	176.36	176.35	19
20	176.29	176.33	176.37	176.43	176.52	176.53	176.57	176.54	176.58	176.57	176.27	176.35	20
21	176.33	176.34	176.36	176.40	176.52	176.53	176.59	176.54	176.51	176.49	176.50	176.40	21
22	176.39	176.24	176.32	176.33	176.51	176.60	176.57	176.52	176.49	176.45	176.47	176.33	22
23	176.35	176.25	176.34	176.28	176.47	176.59	176.56	176.56	176.54	176.55	176.40	176.34	23
24	176.32	176.33	176.35	176.45	176.46	176.53	176.52	176.56	176.52	176.51	176.36	176.49	24
25	176.28	176.42	176.34	176.51	176.49	176.62	176.54	176.51	176.47	176.48	176.37	176.41	25
26	176.37	176.37	176.28	176.44	176.52	176.63	176.56	176.51	176.44	176.44	176.18	176.23	26
27	176.37	176.31	176.34	176.44	176.49	176.55	176.57	176.50	176.66	176.46	176.53	176.18	27
28	176.29	176.35	176.33	176.43	176.50	176.52	176.48	176.41	176.73	176.46	176.58	176.35	28
29	176.32		176.36	176.48	176.48	176.57	176.58	176.44	176.54	176.38	176.45	176.33	29
30	176.33		176.34	176.48	176.54	176.59	176.59	176.50	176.44	176.35	176.38	176.29	30
31	176.31		176.33		176.53		176.54	176.50		176.35		176.15	31
MEAN	---	176.32	176.37	176.42	176.49	176.54	176.57	176.54	176.55	176.49	176.43	176.35	MEAN
MAX	---	176.42	176.47	176.53	176.55	176.63	176.62	176.61	176.73	176.74	176.60	176.49	MAX
MIN	---	176.22	176.28	176.28	176.40	176.45	176.48	176.41	176.44	176.31	176.18	176.15	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 176.74 ON OCT 7
MINIMUM DAILY, 176.15 ON DEC 31
MAXIMUM INSTANTANEOUS,
176.95 AT 21:50 EST ON OCT 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 30 17 N
LONG 80 13 02 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 11500 COLLINGWOOD, ONT

LAKE HURON AT GODERICH - STATION NO. 02FE012

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176.38	176.25	176.43	176.33	176.49	176.53	176.62	176.60	176.57	176.46	176.49	176.25	1
2	176.52	176.40	176.50	176.40	176.52	176.53	176.60	176.60	176.63	176.63	176.50	176.38	2
3	176.49	176.39	176.45	176.32	176.46	176.53	176.60	176.60	176.60	176.59	176.46	176.43	3
4	176.54	176.39	176.40	176.32	176.45	176.56	176.61	176.62	176.65	176.55	176.49	176.41	4
5	176.46	176.31	176.43	176.49	176.51	176.54	176.62	176.63	176.66	176.55	176.46	176.46	5
6	176.41	176.33	176.45	176.47	176.52	176.57	176.61	176.61	176.63	176.64	176.67	176.41	6
7	176.56	176.29	176.46	176.37	176.51	176.55	176.61	176.60	176.61	176.77	176.55	176.41	7
8	176.44	176.32	176.43	176.39	176.51	176.53	176.62	176.62	176.71	176.60	176.54	176.51	8
9	176.42	176.36	176.41	176.46	176.50	176.61	176.65	176.62	176.67	176.54	176.54	176.49	9
10	176.48	176.28	176.41	176.43	176.56	176.57	176.63	176.62	176.67	176.51	176.46	176.51	10
11	176.45	176.38	176.45	176.45	176.57	176.58	176.62	176.63	176.61	176.53	176.54	176.45	11
12	176.38	176.36	176.41	176.42	176.59	176.57	176.63	176.63	176.63	176.52	176.42	176.39	12
13	176.34	176.30	176.50	176.41	176.57	176.55	176.64	176.63	176.63	176.48	176.43	176.40	13
14	176.37	176.32	176.44	176.54	176.57	176.53	176.64	176.61	176.64	176.47	176.41	176.38	14
15	176.35	176.27	176.46	176.50	176.55	176.57	176.61	176.67	176.64	176.54	176.41	176.40	15
16	176.38	176.28	176.40	176.48	176.56	176.62	176.62	176.64	176.63	176.56	176.41	176.41	16
17	176.40	176.30	176.50	176.49	176.53	176.62	176.63	176.61	176.60	176.45	176.45	176.35	17
18	176.40	176.29	176.44	176.52	176.54	176.57	176.61	176.62	176.60	176.56	176.49	176.42	18
19	176.39	176.32	176.42	176.48	176.55	176.63	176.61	176.62	176.66	176.69	176.42	176.45	19
20	176.37	176.38	176.45	176.47	176.55	176.57	176.63	176.60	176.64	176.58	176.47	176.40	20
21	176.33	176.36	176.40	176.45	176.55	176.61	176.63	176.59	176.60	176.55	176.53	176.33	21
22	176.42	176.31	176.37	176.40	176.55	176.64	176.60	176.58	176.58	176.52	176.51	176.35	22
23	176.40	176.31	176.38	176.37	176.52	176.62	176.60	176.60	176.59	176.59	176.44	176.35	23
24	176.37	176.36	176.39	176.51	176.51	176.58	176.59	176.61	176.57	176.55	176.41	176.43	24
25	176.29	176.46	176.37	176.53	176.54	176.65	176.58	176.56	176.55	176.52	176.39	176.41	25
26	176.32	176.39	176.33	176.48	176.56	176.64	176.63	176.57	176.51	176.50	176.24	176.30	26
27	176.40	176.33	176.38	176.49	176.56	176.61	176.61	176.56	176.65	176.53	176.46	176.24	27
28	176.36	176.35	176.32	176.50	176.55	176.58	176.63	176.53	176.74	176.52	176.58	176.36	28
29	176.38		176.34	176.52	176.54	176.61	176.63	176.54	176.60	176.45	176.48	176.36	29
30	176.39		176.35	176.53	176.58	176.66	176.64	176.58	176.52	176.43	176.42	176.33	30
31	176.33		176.38		176.57		176.61	176.58		176.43		176.19	31
MEAN	176.40	176.34	176.41	176.45	176.54	176.58	176.62	176.60	176.62	176.54	176.47	176.39	MEAN
MAX	176.56	176.46	176.50	176.54	176.59	176.66	176.65	176.67	176.74	176.77	176.67	176.51	MAX
MIN	176.29	176.25	176.32	176.32	176.45	176.53	176.58	176.53	176.51	176.43	176.24	176.19	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 176.50
MAXIMUM DAILY, 176.77 ON OCT 7
MINIMUM DAILY, 176.19 ON DEC 31
MAXIMUM INSTANTANEOUS,
176.88 AT 03:15 EST ON SEP 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 44 45 N
LONG 81 43 44 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 11860 GODERICH, ONT

LAKE HURON AT LITTLE CURRENT - STATION NO. 02CG002

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176.20	176.22	176.30	176.24	176.32	176.38	176.43	176.48	176.45	176.18	176.36	176.23	1
2	176.24	176.20	176.26	176.28	176.37	176.36	176.43	176.45	176.48	176.29	176.35	176.32	2
3	176.21	176.25	176.28	176.25	176.35	176.39	176.45	176.46	176.43	176.40	176.34	176.28	3
4	176.21	176.19	176.25	176.29	176.35	176.43	176.46	176.45	176.42	176.37	176.34	176.24	4
5	176.31	176.27	176.22	176.32	176.35	176.42	176.48	176.47	176.41	176.36	176.34	176.26	5
6	176.30	176.23	176.24	176.31	176.35	176.48	176.49	176.44	176.44	176.40	176.32	176.26	6
7	176.20	176.22	176.26	176.30	176.38	176.42	176.50	176.41	176.47	176.43	176.36	176.25	7
8	176.25	176.22	176.26	176.26	176.36	176.41	176.51	176.42	176.48	176.39	176.35	176.19	8
9	176.24	176.24	176.26	176.31	176.36	176.47	176.54	176.48	176.51	176.34	176.35	176.19	9
10	176.24	176.17	176.26	176.32	176.26	176.44	176.52	176.48	176.50	176.33	176.41	176.20	10
11	176.19	176.16	176.26	176.28	176.28	176.45	176.50	176.50	176.44	176.35	176.32	176.21	11
12	176.25	176.26	176.29	176.23	176.41	176.43	176.48	176.51	176.49	176.34	176.30	176.21	12
13	176.21	176.21	176.24	176.26	176.43	176.39	176.52	176.44	176.49	176.34	176.32	176.27	13
14	176.22	176.20	176.30	176.32	176.40	176.39	176.49	176.45	176.46	176.37	176.28	176.25	14
15	176.21	176.21	176.27	176.36	176.38	176.44	176.46	176.47	176.45	176.40	176.26	176.23	15
16	176.16	176.22	176.22	176.37	176.40	176.49	176.48	176.41	176.37	176.39	176.26	176.21	16
17	176.25	176.23	176.21	176.35	176.37	176.49	176.49	176.44	176.34	176.38	176.29	176.18	17
18	176.25	176.22	176.23	176.36	176.40	176.49	176.47	176.45	176.44	176.44	176.32	176.17	18
19	176.24	176.19	176.22	176.33	176.41	176.49	176.46	176.42	176.45	176.50	176.23	176.17	19
20	176.19	176.18	176.23	176.27	176.43	176.43	176.46	176.42	176.45	176.45	176.10	176.26	20
21	176.23	176.21	176.24	176.31	176.43	176.44	176.43	176.42	176.38	176.37	176.24	176.35	21
22	176.25	176.16	176.22	176.25	176.41	176.47	176.45	176.42	176.32	176.37	176.30	176.23	22
23	176.23	176.17	176.23	176.20	176.37	176.49	176.45	176.45	176.38	176.42	176.27	176.24	23
24	176.21	176.22	176.22	176.30	176.36	176.44	176.43	176.42	176.40	176.42	176.24	176.40	24
25	176.21	176.26	176.23	176.38	176.40	176.50	176.47	176.40	176.37	176.42	176.28	176.28	25
26	176.23	176.22	176.19	176.34	176.41	176.49	176.45	176.41	176.37	176.32	176.21	176.15	26
27	176.23	176.22	176.22	176.34	176.39	176.47	176.46	176.38	176.56	176.33	176.39	176.11	27
28	176.19	176.23	176.25	176.32	176.40	176.47	176.39	176.35	176.54	176.33	176.37	176.26	28
29	176.17		176.25	176.36	176.41	176.51	176.49	176.39	176.40	176.29	176.30	176.21	29
30	176.21		176.22	176.37	176.44	176.47	176.49	176.44	176.31	176.28	176.28	176.20	30
31	176.22		176.23		176.43		176.46	176.42		176.31		176.19	31
MEAN	176.22	176.21	176.24	176.31	176.38	176.45	176.47	176.44	176.43	176.36	176.30	176.23	MEAN
MAX	176.31	176.27	176.30	176.38	176.44	176.51	176.54	176.51	176.56	176.50	176.41	176.40	MAX
MIN	176.16	176.16	176.19	176.20	176.26	176.36	176.39	176.35	176.31	176.18	176.10	176.11	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 176.34
MAXIMUM DAILY, 176.56 ON SEP 27
MINIMUM DAILY, 176.10 ON NOV 20
MAXIMUM INSTANTANEOUS,
176.71 AT 15:30 EST ON OCT 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 58 53 N
LONG 81 55 41 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 11195 LITTLE CURRENT, ONT

LAKE HURON AT PARRY SOUND - STATION NO. 02EA014

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176.21	176.19	176.33	176.23	176.35	176.38	176.43	176.47	176.44	176.20	176.37	176.15	1
2	176.30	176.28	176.36	176.30	176.37	176.37	176.43	176.47	176.49	176.36	176.38	176.36	2
3	176.23	176.25	176.30	176.25	176.32	176.39	176.45	176.48	176.44	176.42	176.35	176.33	3
4	176.28	176.25	176.25	176.28	176.32	176.45	176.47	176.47	176.42	176.37	176.36	176.27	4
5	176.31	176.27	176.24	176.41	176.38	176.42	176.49	176.49	176.43	176.38	176.34	176.29	5
6	176.35	176.26	176.29	176.35	176.37	176.49	176.50	176.46	176.44	176.51	176.43	176.27	6
7	176.32	176.18	176.30	176.29	176.39	176.43	176.51	176.42	176.45	176.54	176.39	176.27	7
8	176.27	176.27	176.29	176.27	176.35	176.40	176.52	176.43	176.54	176.42	176.40	176.27	8
9	176.32	176.25	176.28	176.36	176.36	176.49	176.55	176.51	176.50	176.36	176.35	176.26	9
10	176.26	176.14	176.29	176.32	176.27	176.45	176.53	176.49	176.55	176.34	176.42	---	10
11	176.23	176.26	176.30	176.31	176.31	176.46	176.50	176.53	176.44	176.37	176.37	176.25	11
12	176.23	176.29	176.31	176.24	176.46	176.43	176.48	176.53	176.51	176.35	176.31	176.22	12
13	176.21	176.20	176.34	176.24	176.46	176.39	176.54	176.46	176.50	176.33	176.35	176.28	13
14	176.22	176.21	176.32	176.41	176.42	176.40	176.51	176.46	176.50	176.35	176.29	176.27	14
15	176.19	176.19	176.32	176.36	176.41	176.45	176.48	176.51	176.47	176.43	176.28	176.27	15
16	176.19	176.22	176.26	176.38	176.44	176.49	176.48	176.44	176.37	176.41	176.29	176.28	16
17	176.24	176.22	176.28	176.35	176.39	176.51	176.49	176.44	176.35	176.35	176.32	176.20	17
18	176.28	176.20	176.25	176.43	176.42	176.47	176.48	176.45	176.44	176.55	176.37	---	18
19	176.26	176.19	176.25	176.34	176.42	176.50	176.47	176.43	176.50	176.52	176.25	---	19
20	176.19	176.22	176.28	176.30	176.43	176.45	176.49	176.43	176.47	176.52	176.12	---	20
21	176.24	176.24	176.26	176.30	176.44	176.45	176.46	176.43	176.40	176.38	176.32	176.38	21
22	176.31	176.14	176.23	176.24	176.42	176.51	176.46	176.43	176.35	176.35	176.35	176.26	22
23	176.26	176.15	176.24	176.20	176.38	176.51	176.46	176.47	176.39	176.46	176.29	176.26	23
24	176.22	176.23	176.25	176.35	176.37	176.44	176.43	176.43	176.41	176.42	176.25	176.49	24
25	176.19	176.31	176.25	176.41	176.40	176.54	176.46	176.41	176.37	176.41	176.28	176.35	25
26	176.29	176.26	176.18	176.35	176.43	176.53	176.48	176.41	176.35	176.34	176.12	176.14	26
27	176.27	176.21	176.25	176.35	176.40	176.46	176.48	176.41	176.60	176.35	176.50	176.10	27
28	176.20	176.26	176.24	176.33	176.41	176.44	176.37	176.33	176.63	176.33	176.45	176.29	28
29	176.22		176.26	176.39	176.40	176.50	176.50	176.38	176.42	176.28	176.32	176.23	29
30	176.24		176.24	176.39	176.47	176.50	176.49	176.45	176.32	176.25	176.29	176.25	30
31	176.23		176.23		176.45		176.45	176.43		176.27		176.10	31
MEAN	176.25	176.23	176.27	176.32	176.39	176.46	176.48	176.45	176.45	176.38	176.33	---	MEAN
MAX	176.35	176.31	176.36	176.43	176.47	176.54	176.55	176.53	176.63	176.55	176.50	---	MAX
MIN	176.19	176.14	176.18	176.20	176.27	176.37	176.37	176.33	176.32	176.20	176.12	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 176.63 ON SEP 28
MINIMUM DAILY, 176.10 ON DEC 27
MAXIMUM INSTANTANEOUS,
176.93 AT 21:45 EST ON OCT 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 20 18 N
LONG 80 02 09 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 11375 PARRY SOUND, ONT

LAKE HURON AT THESSALON - STATION NO. 02CA006

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176.30	176.33	176.40	176.33	176.43	176.50	176.54	176.57	176.56	176.38	176.45	176.41	1
2	176.33	176.27	176.34	176.39	176.47	176.48	176.55	176.56	176.54	176.35	176.44	176.39	2
3	176.31	176.35	176.38	176.36	176.49	176.50	176.58	176.56	176.52	176.48	176.44	176.39	3
4	176.29	176.29	176.35	176.40	176.47	176.52	176.58	176.56	176.52	176.48	176.45	176.33	4
5	176.42	176.37	176.32	176.39	176.45	176.52	176.57	176.56	176.53	176.47	176.44	176.38	5
6	176.38	176.32	176.33	176.40	176.43	176.51	176.57	176.55	176.55	176.42	176.36	176.41	6
7	176.28	176.34	176.35	176.41	176.47	176.52	176.58	176.54	176.58	176.46	176.45	176.38	7
8	176.36	176.29	176.36	176.36	176.47	176.52	176.59	176.55	176.51	176.49	176.40	176.28	8
9	176.33	176.34	176.36	176.40	176.45	176.53	176.56	176.59	176.60	176.45	176.43	176.27	9
10	176.35	176.29	176.35	176.43	176.40	176.52	176.57	176.58	176.57	176.45	176.49	176.27	10
11	176.30	176.21	176.36	176.39	176.40	176.54	176.57	176.57	176.56	176.46	176.41	176.32	11
12	176.36	176.35	176.39	176.37	176.48	176.52	176.56	176.59	176.56	176.46	176.42	176.33	12
13	176.32	176.32	176.32	176.39	176.49	176.50	176.55	176.55	176.57	176.47	176.43	176.36	13
14	176.32	176.31	176.40	176.32	176.50	176.52	176.57	176.57	176.51	176.49	176.40	176.36	14
15	176.33	176.34	176.37	176.48	176.49	176.56	176.55	176.57	176.51	176.47	176.39	176.31	15
16	176.27	176.34	176.32	176.47	176.50	176.58	176.57	176.51	176.48	176.49	176.38	176.31	16
17	176.35	176.35	176.30	176.45	176.47	176.58	176.58	176.54	176.46	176.53	176.37	176.29	17
18	176.34	176.34	176.33	176.40	176.49	176.58	176.57	176.54	176.53	176.45	176.39	176.26	18
19	176.35	176.30	176.31	176.43	176.50	176.56	176.57	176.52	176.52	176.56	176.35	176.27	19
20	176.31	176.27	176.32	176.36	176.52	176.53	176.55	176.52	176.49	176.51	176.22	176.37	20
21	176.32	176.31	176.35	176.43	176.51	176.54	176.53	176.53	176.48	176.47	176.31	176.45	21
22	176.34	176.28	176.32	176.40	176.51	176.55	176.55	176.54	176.44	176.48	176.39	176.34	22
23	176.33	176.29	176.33	176.39	176.48	176.58	176.56	176.55	176.48	176.46	176.39	176.32	23
24	176.32	176.33	176.32	176.38	176.49	176.57	176.55	176.52	176.50	176.55	176.35	176.39	24
25	176.33	176.33	176.33	176.46	176.51	176.56	176.57	176.52	176.49	176.52	176.41	176.35	25
26	176.32	176.33	176.31	176.44	176 51	176.55	176.49	176.52	176.51	176.44	176.42	176.31	26
27	176.32	176.34	176.32	176.44	176.49	176.56	176.54	176.51	176.52	176.43	176.32	176.29	27
28	176.31	176.32	176.37	176.41	176.50	176.59	176.50	176.53	176.52	176.45	176.42	176.32	28
29	176.27		176.37	176.45	176.52	176.61	176.54	176.54	176.48	176.43	176.41	176.31	29
30	176.31		176.32	176.47	176.47	176.56	176.57	176.57	176.44	176.43	176.40	176.30	30
31	176.34		176.35		176.51		176.56	176.56		176.43		176.34	31
MEAN	176.33	176.32	176.34	176.41	176.48	176.54	176.56	176.55	176.52	176.46	176.40	176.34	MEAN
MAX	176.42	176.37	176.40	176.48	176.52	176.61	176.59	176.59	176.60	176.56	176.49	176.45	MAX
MIN	176.27	176.21	176.30	176.32	176.40	176.48	176.49	176.51	176.44	176.35	176.22	176.26	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 176.44
MAXIMUM DAILY, 176.61 ON JUN 29
MINIMUM DAILY, 176.21 ON FEB 11
MAXIMUM INSTANTANEOUS,
176.68 AT 20:15 EST ON SEP 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 15 11 N
LONG 83 33 07 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 11070 THESSALON, ONT

LAKE HURON AT TOBERMORY - STATION NO. 02FA003

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176.31	176.29	176.39	176.31	176.41	176.45	176.51	176.52	176.52	176.34	---	176.28	1
2	176.36	176.34	176.39	176.35	176.44	176.44	176.50	176.51	176.55	176.42	176.43	176.38	2
3	176.31	176.34	176.37	176.32	176.41	176.46	176.52	176.52	176.52	176.48	176.41	176.38	3
4	176.34	176.31	176.33	176.36	176.41	176.50	176.54	176.54	176.53	176.45	176.42	176.34	4
5	176.39	176.34	176.31	176.43	176.44	176.48	176.55	176.54	176.52	176.46	176.41	176.36	5
6	---	---	176.34	176.39	176.43	176.51	176.55	176.51	176.53	176.51	176.46	176.35	6
7	---	176.30	176.35	176.36	176.45	176.49	176.55	176.50	176.53	176.55	176.44	176.35	7
8	176.35	176.34	176.35	176.36	176.42	176.47	176.56	176.51	176.59	176.48	176.43	176.34	8
9	176.37	176.33	176.34	176.40	176.43	176.52	176.58	176.55	176.57	176.44	176.42	176.32	9
10	176.34	176.25	176.35	176.38	176.37	176.50	176.57	176.55	176.58	176.42	176.45	176.33	10
11	176.31	176.29	176.36	176.38	176.40	176.51	176.54	176.56	176.52	176.44	176.43	176.32	11
12	176.34	176.35	176.38	176.32	176.50	176.50	176.54	176.58	176.55	176.43	176.38	176.30	12
13	176.30	176.29	176.38	176.33	176.50	176.47	176.57	176.54	176.56	176.41	176.40	176.34	13
14	176.31	176.28	176.38	176.43	176.48	176.49	176.56	176.53	176.54	176.43	176.36	176.33	14
15	176.29	176.28	176.38	176.44	176.47	176.52	176.52	176.57	176.53	176.48	176.35	176.33	15
16	176.27	176.29	176.33	176.44	176.49	176.56	176.53	176.52	176.47	176.47	176.35	176.32	16
17	176.33	176.29	176.33	176.42	176.44	176.56	176.54	176.51	176.45	176.44	176.38	176.27	17
18	176.34	176.28	176.32	176.45	176.47	176.54	176.53	176.52	176.51	176.53	176.41	176.28	18
19	176.33	176.27	176.31	176.41	176.48	176.55	176.53	176.50	176.55	176.56	176.32	176.28	19
20	176.27	176.28	176.33	176.37	176.49	176.51	176.53	176.49	176.52	176.54	176.25	176.34	20
21	176.32	176.30	176.32	176.38	176.49	176.51	176.52	176.49	176.47	176.46	176.37	176.41	21
22	176.36	176.24	176.29	176.33	176.48	176.55	176.51	176.48	176.44	176.44	176.40	176.32	22
23	176.32	176.26	176.31	176.31	176.45	176.55	176.51	176.52	176.47	176.50	176.36	176.31	23
24	176.30	176.31	176.31	176.41	176.45	176.53	176.50	176.50	176.47	176.50	176.33	176.43	24
25	176.29	176.36	176.31	176.46	176.48	176.57	176.52	176.47	176.45	176.48	176.36	176.37	25
26	176.34	176.31	176.27	176.41	176.49	176.56	176.52	176.47	176.45	176.42	176.28	176.24	26
27	176.33	176.30	176.30	176.42	176.46	176.53	176.52	176.47	176.58	176.42	176.42	176.21	27
28	176.29	176.33	176.31	176.40	176.48	176.52	176.47	176.43	176.60	176.41	176.46	176.31	28
29	176.28		176.33	176.45	176.47	176.56	176.53	176.47	176.47	176.37	176.39	176.29	29
30	176.30		176.30	176.44	176.50	176.55	176.54	176.51	176.41	176.36	176.36	176.28	30
31	176.30		176.30		176.50		176.51	176.51		---		176.22	31
MEAN	---	---	176.33	176.39	176.46	176.52	176.53	176.51	176.52	---	---	176.32	MEAN
MAX	---	---	176.39	176.46	176.50	176.57	176.58	176.58	176.60	---	---	176.43	MAX
MIN	---	---	176.27	176.31	176.37	176.44	176.47	176.43	176.41	---	---	176.21	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 176.60 ON SEP 28
MINIMUM DAILY, 176.21 ON DEC 27
MAXIMUM INSTANTANEOUS,
176.69 AT 20:00 EST ON SEP 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 15 31 N
LONG 81 39 57 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 11690 TOBERMORY, ONT

LAKE NIPIGON AT MACDIARMID - STATION NO. 02AD007

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	259.480	259.440	259.360	259.240	259.230	259.370	259.580	259.560	259.490	259.290	259.180	259.110	1
2	259.470E	259.420	259.360	259.230	259.220	259.390	259.580	259.560	259.440	259.290	259.180	259.120	2
3	259.470E	259.420	259.350	259.240	259.220	259.390	259.600	259.550	259.440	259.290	259.180	259.100	3
4	259.460E	259.410	259.350	259.250	259.240	259.390	259.610	259.550	259.450	259.280	259.160	259.110	4
5	259.460	259.400	259.360	259.220	259.240	259.400	259.610	259.540	259.410	259.280	259.200	259.100	5
6	259.480	259.400	259.350	259.210	259.230	259.410	259.620	259.540	259.390	259.310	259.180	259.100	6
7	259.470	259.400	259.340	259.200	259.220	259.410	259.610	259.540	259.380	259.290	259.160	259.110	7
8	259.470	259.400	259.340	259.200	259.230	259.430	259.620	259.540	259.430	259.280	259.200	259.110	8
9	259.470	259.380	259.340	259.200	259.250	259.440	259.620	259.560	259.400	259.270	259.150	259.110	9
10	259.460	259.390	259.330	259.190	259.240	259.450	259.610	259.560	259.400	259.260	259.170	259.090	10
11	259.460	259.390	259.320	259.220	259.240	259.450	259.610	259.550	259.400	259.270	259.160	259.080	11
12	259.460	259.380	259.320	259.200	259.240	259.450	259.610	259.560	259.400	259.250	259.130	259.070	12
13	259.460	259.370	259.320	259.210	259.240	259.470	259.620	259.540	259.400	259.230	259.120	259.090	13
14	259.460	259.370	259.310	259.220	259.250	259.490	259.620	259.550	259.400	259.270	259.140	259.080	14
15	259.460	259.350	259.320	259.210	259.250	259.500	259.610	259.560	259.400	259.270	259.140	259.080	15
16	259.450	259.350	259.310	259.210	259.260	259.500	259.610	259.530	259.390	259.240	259.140	259.080	16
17	259.440	259.360	259.300	259.230	259.250	259.480	259.600	259.530	259.380	259.250	259.160	259.080	17
18	259.440	259.360	259.300	259.220	259.250	259.510	259.600	259.520	259.380	259.350	259.160	259.080	18
19	259.440	259.360	259.300	259.230	259.250	259.510	259.590	259.520	259.390	259.260	259.150	259.060	19
20	259.440	259.360	259.290	259.230	259.250	259.510	259.600	259.510	259.370	259.270	259.150	259.030	20
21	259.430	259.360	259.280	259.220	259.250	259.520	259.580	259.500	259.350	259.250	259.140	259.050	21
22	259.440	259.360	259.280	259.230	259.250	259.520	259.580	259.490	259.380	259.240	259.120	259.060	22
23	259.430	259.370	259.270	259.240	259.260	259.530	259.570	259.500	259.310	259.190	259.120	259.060	23
24	259.430	259.370	259.260	259.230	259.280	259.540	259.560	259.490	259.310	259.220	259.110	259.060	24
25	259.430	259.370	259.250	259.220	259.310	259.540	259.590	259.490	259.310	259.180	259.110	259.050	25
26	259.450	259.360	259.260	259.220	259.330	259.530	259.590	259.490	259.300	259.210	259.110	259.040	26
27	259.430	259.350	259.240	259.220	259.310	259.520	259.580	259.480	259.360	259.190	259.150	259.050	27
28	259.430	259.360	259.240	259.220	259.330	259.540	259.580	259.480	259.320	259.170	259.130	259.060	28
29	259.420		259.260	259.230	259.340	259.570	259.570	259.470	259.300	259.170	259.110	259.030	29
30	259.410		259.250	259.230	259.360	259.580	259.550	259.470	259.290	259.180	259.100	259.040	30
31	259.410		259.250		259.370		259.540	259.450		259.180		259.060	31
MEAN	259.449	259.379	259.304	259.221	259.264	259.478	259.594	259.522	259.379	259.248	259.147	259.076	MEAN
MAX	259.480	259.440	259.360	259.250	259.370	259.580	259.620	259.560	259.490	259.350	259.200	259.120	MAX
MIN	259.410	259.350	259.240	259.190	259.220	259.370	259.540	259.450	259.290	259.170	259.100	259.030	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 259.338
MAXIMUM DAILY, 259.620 ON JUL 6
MINIMUM DAILY, 259.030 ON DEC 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 26 02 N
LONG 88 07 55 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE NIPISSING AT NORTH BAY - STATION NO. 02DD006

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	194.983	194.650	194.816	195.105	196.074	195.854	195.804	195.728	195.686	195.630	195.629	195.209	1
2	194.974	194.659	194.837	195.161	196.073	195.843	195.818	195.717	195.691	195.680	195.621	195.234	2
3	194.957	194.649	194.844	195.206	196.063	195.849	195.823	195.714	195.683	195.678	195.605	195.228	3
4	194.941	194.642	194.850	195.271	196.051	195.866	195.822	195.719	195.668	195.678	195.578	195.221	4
5	194.922	194.629	194.864	195.363	196.044	195.876	195.836	195.731	195.722	195.662	195.559	195.208	5
6	194.908	194.621	194.873	195.439	196.026	195.881	195.842	195.730	195.734	195.688	195.559	195.203	6
7	194.913	194.612	194.879	195.483	196.027	195.863	195.843	195.721	195.748	195.744	195.543	195.174	7
8	194.891	194.612	194.880	195.527	196.005	195.855	195.845	195.710	195.780	195.720	195.520	195.179	8
9	194.879	194.610	194.880	195.603	195.985	195.861	195.831	195.725	195.757	195.711	195.502	195.188	9
10	194.868	194.601	194.882	195.653	195.947	195.849	195.824	195.739	195.770	195.717	195.486	195.176	10
11	194.852	194.619	194.884	195.704	195.940	195.846	195.814	195.743	195.770	195.718	195.472	195.162	11
12	194.840	194.613	194.882	195.733	195.986	195.835	195.805	195.747	195.803	195.715	195.448	195.150	12
13	194.827	194.604	194.900	195.788	196.002	195.826	195.796	195.707	195.803	195.715	195.434	195.140	13
14	194.815	194.599	194.898	195.876	195.991	195.818	195.783	195.709	195.801	195.711	195.411	195.133	14
15	194.804	194.588	194.907	195.905	195.980	195.832	195.777	195.713	195.790	195.720	195.397	195.127	15
16	194.797	194.584	194.911	195.931	195.979	195.874	195.775	195.698	195.772	195.714	195.386	195.120	16
17	194.785	194.580	194.918	195.947	195.972	195.866	195.771	195.688	195.762	195.697	195.388	195.107	17
18	194.775	194.577	194.915	195.980	195.967	195.866	195.764	195.687	195.783	195.739	195.391	195.097	18
19	194.765	194.581	194.918	195.991	195.948	195.865	195.760	195.684	195.770	195.765	195.366	195.091	19
20	194.754	194.590	194.923	196.012	195.932	195.827	195.758	195.681	195.766	195.754	195.333	195.076	20
21	194.743	194.597	194.923	196.030	195.915	195.825	195.747	195.677	195.744	195.740	195.370	195.059	21
22	194.736	194.603	194.921	196.039	195.901	195.825	195.745	195.673	195.722	195.723	195.360	195.054	22
23	194.728	194.622	194.922	196.006	195.883	195.838	195.740	195.686	195.719	195.742	195.323	195.047	23
24	194.717	194.664	194.929	196.070	195.864	195.812	195.740	195.668	195.720	195.731	195.301	195.035	24
25	194.705	194.705	194.933	196.081	195.861	195.863	195.741	195.665	195.708	195.716	195.286	195.022	25
26	194.700	194.731	194.935	196.084	195.849	195.841	195.735	195.666	195.695	195.703	195.235	195.006	26
27	194.695	194.754	194.949	196.076	195.839	195.839	19F.734	195.652	195.757	195.699	195.313	194.987	27
28	194.685	194.786	194.954	196.075	195.840	195.837	195.705	195.634	195.751	195.678	195.307	194.978	28
29	194.677		194.969	196.086	195.844	195.843	195.731	195.643	195.696	195.657	195.263	194.967	29
30	194.668		195.006	196.087	195.866	195.836	195.728	195.677	195.671	195.642	195.246	194.951	30
31	194.658		195.060		195.862		195.727	195.684		195.631		194.932	31
MEAN	194.805	194.632	194.908	195.777	195.952	195.847	195.779	195.697	195.741	195.704	195.421	195.105	MEAN
MAX	194.983	194.786	195.060	196.087	196.074	195.881	195.845	195.747	195.803	195.765	195.629	195.234	MAX
MIN	194.658	194.577	194.816	195.105	195.839	195.812	195.705	195.634	195.668	195.630	195.235	194.932	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 195.451
MAXIMUM DAILY, 196.087 ON APR 30
MINIMUM DAILY, 194.577 ON FEB 18
MAXIMUM INSTANTANEOUS,
196.110 AT 03:54 EST ON APR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 18 40 N
LONG 79 28 25 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE OF THE WOODS AT CLEARWATER BAY - STATION NO. 05PD011

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	322.234	322.110A	322.025	322.004	322.085	322.330	322.796	322.796	322.744	322.658	322.753	322.679	1
2	322.230	322.120A	322.021	322.011	322.132	322.335	322.811	322.806	322.823	322.769	322.733	322.693	2
3	322.226	322.120A	322.018	322.003	322.085	322.368	322.795	322.797	322.744	322.779	322.757	322.698	3
4	322.226	322.120A	322.015	321.997	322.069	322.407	322.814	322.800	322.755	322.739	322.767	322.694	4
5	322.222	322.110A	322.014	322.020	322.105	322.417	322.834	322.816	322.803	322.719	322.698	322.697	5
6	322.213	322.100A	322.002	322.029	322.125	322.425	322.840	322.797	322.797	322.684	322.746	322.691	6
7	322.210	322.100A	322.020A	322.043	322.142	322.457	322.886	322.804	322.773	322.746	322.739	322.673	7
8	322.208	322.100A	322.020A	322.035	322.144	322.444	322.857	322.786	322.805	322.790	322.657	322.677	8
9	322.204	322.100A	322.020A	322.034	322.070	322.461	322.845	322.774	322.820	322.793	322.771	322.680	9
10	322.201	322.088A	322.010A	322.040	322.156	322.466	322.846	322.820	322.810	322.762	322.712	322.680	10
11	322.200	322.089	322.020A	322.026	322.166	322.496	322.830	322.825	322.788	322.773	322.735	322.684	11
12	322.193	322.086	322.020A	322.032	322.165	322.503	322.825	322.799	322.822	322.800	322.754	322.680	12
13	322.187	322.076	322.010A	322.023	322.177	322.522	322.827	322.825	322.767	322.808	322.749	322.679	13
14	322.179	322.074	322.020A	322.023	322.186	322.549	322.838	322.783	322.761	322.752	322.713	322.675	14
15	322.177	322.076	322.000A	322.049	322.153	322.593	322.849	322.765	322.735	322.758	322.719	322.670	15
16	322.180	322.072	322.010A	322.044	322.132	322.556	322.845	322.808	322.739	322.782	322.723	322.665	16
17	322.177	322.065	321.980A	322.029	322.186	322.670	322.814	322.825	322.772	322.729	322.702	322.660	17
18	322.172	322.060	322.000A	322.036	322.211	322.601	322.818	322.820	322.776	322.622	322.673	322.660	18
19	322.162	322.054	321.990A	321.996	322.215	322.612	322.820	322.822	322.727	322.755	322.648	322.661	19
20	322.162	322.048	322.000A	322.035	322.230	322.614	322.794	322.822	322.739	322.706	322.681	322.666	20
21	322.160	322.049	321.990A	322.096	322.245	322.602	322.818	322.856	322.739	322.741	322.721	322.665	21
22	322.156	322.037	321.990A	322.034	322.237	322.594	322.838	322.815	322.780	322.718	322.723	322.655	22
23	322.152	322.039	321.980A	321.984	322.212	322.626	322.834	322.797	322.791	322.737	322.715	322.655	23
24	322.146	322.036	321.980A	322.022	322.206	322.649	322.818	322.802	322.727	322.811	322.709	322.661	24
25	322.137	322.033	321.988A	322.045	322.216	322.637	322.763	322.795	322.731	322.728	322.692	322.653	25
26	322.132	322.028	321.981	322.051	322.249	322.657	322.783	322.773	322.773	322.820	322.667	322.647	26
27	322.130A	322.036	321.987	322.049	322.284	322.710	322.809	322.779	322.658	322.723	322.661	322.639	27
28	322.130A	322.030	321.993	322.058	322.296	322.699	322.811	322.798	322.697	322.770	322.717	322.639	28
29	322.120A		321.993	322.055	322.276	322.699	322.832	322.802	322.695	322.780	322.745	322.645	29
30	322.130A		321.993	322.058	322.287	322.762	322.824	322.805	322.688	322.789	322.735	322.635	30
31	322.120A		321.992		322.333		322.818	322.801		322.771		322.625	31
MEAN	322.177	322.073	322.003	322.032	322.186	322.549	322.824	322.804	322.759	322.752	322.717	322.667	MEAN
MAX	322.234	322.120	322.025	322.096	322.333	322.762	322.886	322.856	322.823	322.820	322.771	322.698	MAX
MIN	322.120	322.028	321.980	321.984	322.069	322.330	322.763	322.765	322.658	322.622	322.648	322.625	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 322.465
MAXIMUM DAILY, 322.886 ON JUL 7
MINIMUM DAILY, 321.980A ON MAR 17
MAXIMUM INSTANTANEOUS,
322.904 AT 05:30 CST ON JUL 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 43 06 N
LONG 94 48 20 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO LAKE OF THE WOODS DATUM

LAKE OF THE WOODS AT HANSON BAY - STATION NO. 05PD009

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	322.292E	322.128A	322.056	322.058	322.067	322.310	322.753	322.840	322.806	322.744	322.749	322.719	1
2	322.290A	322.117A	322.050	322.059	322.067	322.336	322.769	322.814	322.770	322.685	322.745	322.713	2
3	322.283E	322.118A	322.049	322.067	322.099	322.376	322.789	322.811	322.817	322.674	322.748	322.703	3
4	322.276E	322.114E	322.052	322.076	322.107	322.399	322.805	322.812	322.739	322.720	322.735A	322.710	4
5	322.270E	322.110E	322.052	322.076	322.115	322.437	322.829	322.806	322.717	322.750	322.811A	322.699	5
6	322.264E	322.107E	322.048	322.073	322.120	322.455	322.832	322.850	322.771	322.773	322.746A	322.695	6
7	322.257E	322.103E	322.047	322.079	322.130	322.451	322.843	322.838	322.866	322.731	322.750A	322.709	7
8	322.251E	322.099E	322.046	322.087	322.131	322.520	322.885	322.854	322.826	322.643A	322.792A	322.695	8
9	322.244E	322.095E	322.045	322.089	322.125	322.491A	322.885	322.840	322.833	322.676A	322.710A	322.685	9
10	322.238E	322.091A	322.045	322.093	322.149	322.514A	322.865	322.848A	322.823	322.720A	322.753A	322.679	10
11	322.231E	322.083	322.042	322.093	322.152	322.538A	322.861	322.840A	322.846	322.735E	322.726	322.681	11
12	322.225E	322.078	322.043	322.088	322.162	322.616A	322.855	322.830A	322.828	322.750E	322.728	322.685	12
13	322.219E	322.078	322.041	322.106	322.173	322.632A	322.852	322.820A	322.817	322.765A	322.722	322.681	13
14	322.212E	322.072	322.034	322.100	322.173	322.628A	322.848	322.820A	322.823	322.792A	322.726	322.680	14
15	322.206E	322.076	322.038	322.103	322.163	322.688A	322.831	322.820A	322.809	322.763	322.725	322.675	15
16	322.199E	322.074	322.031	322.099	322.137	322.658A	322.845	322.810A	322.798	322.762	322.757	322.674	16
17	322.193E	322.073	322.035	322.143	322.166	322.680A	322.853	322.810A	322.797	322.787	322.756	322.675	17
18	322.188E	322.079	322.032	322.096	322.192	322.702A	322.843	322.800A	322.805	322.830	322.710	322.670	18
19	322.180E	322.070	322.029	322.098	322.205	322.606A	322.842	322.786A	322.781	322.788	322.729	322.665	19
20	322.174E	322.063	322.026	322.052	322.216	322.602	322.832	322.745	322.762	322.773	322.724	322.663	20
21	322.167E	322.061	322.026	321.971	322.213	322.600	322.818	322.767	322.767	322.782	322.708	322.670	21
22	322.161E	322.063	322.017	322.032	322.204	322.618	322.808	322.787	322.744	322.772	322.702	322.672	22
23	322.154E	322.059	322.017	322.055	322.230	322.601	322.800	322.792	322.759	322.770	322.710	322.672	23
24	322.148E	322.058	322.014	322.047	322.219	322.639	322.859	322.769	322.794	322.751	322.720	322.664	24
25	322.142E	322.057	322.020	322.013	322.237	322.671	322.853	322.780	322.753	322.777	322.693	322.661	25
26	322.135E	322.056	322.033	322.033	322.258	322.662	322.843	322.796	322.888	322.725	322.727	322.657	26
27	322.129E	322.057	322.032	322.044	322.285	322.664	322.847	322.797	322.842A	322.742	322.756	322.660	27
28	322.122E	322.057	322.044	322.050	322.295	322.696	322.852	322.790	322.699	322.690	322.744	322.653	28
29	322.116A		322.047	322.054	322.341	322.715	322.828	322.781	322.671	322.713	322.712	322.645	29
30	322.114A		322.049	322.063	322.337	322.734	322.819	322.776	322.657	322.749	322.702	322.643	30
31	322.120A		322.051		322.332		322.871	322.797		322.763		322.648	31
MEAN	322.200	322.082	322.038	322.070	322.187	322.575	322.836	322.807	322.787	322.745	322.734	322.677	MEAN
MAX	322.292	322.128	322.056	322.143	322.341	322.734	322.885	322.854	322.888	322.830	322.811	322.719	MAX
MIN	322.114	322.056	322.014	321.971	322.067	322.310	322.753	322.745	322.657	322.643	322.693	322.643	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 322.481
MAXIMUM DAILY, 322.888 ON SEP 26
MINIMUM DAILY, 321.971 ON APR 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 07 34 N
LONG 94 17 16 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO LAKE OF THE WOODS DATUM

LAKE OF THE WOODS AT KEEWATIN - STATION NO. 05PE014

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	322.149	322.016	321.956	321.943	322.020A	322.273	322.743	322.743	322.692	322.589	322.697	322.620	1
2	322.142	322.023	321.956	321.952	322.108E	322.280	322.756	322.753	322.773	322.708	322.672	322.630	2
3	322.141	322.021	321.946	321.942	322.038E	322.314	322.736	322.743	322.704	322.719	322.697	322.638	3
4	322.131	322.019	321.947	321.935	322.011A	322.360	322.751	322.750	322.700	322.680	322.711	322.633	4
5	322.131	322.009	321.942	321.962	322.051	322.373	322.773	322.764	322.751	322.663	322.644	322.634	5
6	322.124	322.000	321.940	321.970	322.070	322.373	322.775	322.747	322.748	322.629	322.687	322.622	6
7	322.120	321.988	321.939	321.98'	322.091	322.405	322.823	322.754	322.732	322.684	322.681	322.605	7
8	322.119	321.993	321.936	321.978	322.091	322.401	322.803	322.734	322.757	322.721	322.605	322.609	8
9	322.112	321.994	321.936	321.976	322.013	322.412	322.792	322.724	322.776	322.734	322.723	322.611	9
10	322.108	321.985	321.933	321.978	322.101	322.418	322.785	322.772	322.759	322.704	322.658	322.607	10
11	322.105	321.984	321.941	321.965	322.112	322.450	322.767	322.779	322.739	322.711	322.675	322.600	11
12	322.100	321.979	321.935	321.972	322.112	322.451	322.761	322.747	322.768	322.739	322.698	322.609	12
13	322.096	321.972	321.933	321.966	322.124	322.464	322.762	322.774	322.713	322.761	322.694	322.606	13
14	322.088	321.966	321.937	321.957	322.133	322.490	322.773	322.729	322.710	322.704	322.652	322.607	14
15	322.085	321.967	321.922	321.990	322.094	322.553	322.786	322.708	322.676	322.706	322.659	322.606	15
16	322.089	321.969	321.928	321.984	322.065	322.513	322.788	322.758	322.681	322.732	322.669	322.602	16
17	322.089	321.963	321.912	321.970	322.127	322.625	322.759	322.777	322.723	322.681	322.645	322.601	17
18	322.081	321.961	321.919	321.974	322.158	322.577	322.765	322.773	322.732	322.568	322.607	322.596	18
19	322.072	321.952	321.917	321.934	322.164	322.562	322.770	322.774	322.672	322.703	322.586	322.599	19
20	322.071	321.948	321.918	321.974	322.181	322.562	322.738	322.769	322.679	322.649	322.618	322.598	20
21	322.070	321.950	321.914	322.035	322.194	322.544	322.764	322.804	322.675	322.688	322.654	322.600	21
22	322.065	321.941	321.915	321.975	322.184	322.540	322.784	322.764	322.726	322.662	322.661	322.591	22
23	322.058	321.940	321.910	321.924	322 154	322.571	322.779	322.740	322.739	322.687	322.660	322.595	23
24	322.052	321.948	321.907	321.962	322.142	322.591	322.780	322.746	322.672	322.763	322.649	322.600	24
25	322.040	321.956	321.912	321.984	322.156	322.584	322.717	322.745	322.666	322.683	322.630	322.592	25
26	322.036	321.952	321.909	321.992	322.194	322.599	322.736	322.721	322.731	322.771	322.607	322.585	26
27	322.044	321.953	321.917	321.988	324.233	322.656	322.764	322.729	322.622	322.667	322.601	322.578	27
28	322.035	321.959	321.922	321.996	322.244	322.644	322.767	322.748	322.638	322.705	322.662	322.580	28
29	322.028		321.922	321.993	322.223	322.642	322.788	322.755	322.627	322.718	322.688	322.582	29
30	322.025		321.920	321.995	322.237	322.704	322.770	322.758	322.614	322.730	322.679	322.576	30
31	322.027		321.921		322.281		322.770	322.754		322.722		322.559	31
MEAN	322.085	321.975	321.928	321.972	322.132	322.498	322.769	322.753	322.707	322.696	322.659	322.603	MEAN
MAX	322.149	322.023	321.956	322.035	322.281	322.704	322.823	322.804	322.776	322.771	322.723	322.638	MAX
MIN	322.025	321.940	321.907	321.924	322.011	322.273	322.717	322.708	322.614	322.568	322.586	322.559	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 322.401
MAXIMUM DAILY, 322.823 ON JUL 7
MINIMUM DAILY, 321.907 ON MAR 24
MAXIMUM INSTANTANEOUS,
322.840 AT 08:30 CST ON JUL 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 45 50 N
LONG 94 33 15 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO LAKE OF THE WOODS DATUM

LAKE OF THE WOODS AT WARROAD - STATION NO. 05PD001

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	322.286	322.171	322.079	322.052	322.128	322.460	322.792	322.869	322.853	322.875	322.774	322.768	1
2	322.289	322.168	322.085	322.067	322.103	322.466	322.808	322.875	322.814	322.768	322.805	322.753	2
3	322.280	322.161	322.091	322.073	322.158	322.427	322.856	322.869	322.798	322.771	322.771	322.750	3
4	322.283	322.161	322.082	322.076	322.204	322.408	322.862	322.862	322.850	322.777	322.759	322.731	4
5	322.277	322.155	322.079	322.073	322.192	322.433	322.859	322.856	322.805	322.768	322.765	322.750	5
6	322.265	322.158	322.079	322.082	322.192	322.484	322.881	322.875	322.826	322.780	322.774	322.753	6
7	322.268	322.158	322.076	322.067	322.180	322.484	322.841	322.893	322.850	322.780	322.774	322.734	7
8	322.262	322.149	322.073	322.076	322.219	322.488	322.829	322.887	322.865	322.808	322.768	322.737	8
9	322.250	322.143	322.064	322.085	322.311	322.509	322.826	322.899	322.826	322.780	322.680	322.737	9
10	322.253	322.143	322.064	322.061	322.222	322.539	322.859	322.859	322.862	322.795	322.753	322.744	10
11	322.250	322.140	322.058	322.088	322.232	322.536	322.893	322.847	322.838	322.811	322.765	322.737	11
12	322.244	322.137	322.049	322.091	322.238	322.582	322.884	322.881	322.805	322.805	322.734	322.731	12
13	322.241	322.137	322.052	322.088	322.228	322.609	322.887	322.872	322.869	322.722	322.747	322.728	13
14	322.238	322.137	322.052	322.085	322.241	322.606	322.878	322.881	322.838	322.771	322.780	322.722	14
15	322.235	322.125	322.049	322.027	322.320	322.530	322.878	322.914	322.865	322.783	322.777	322.722	15
16	322.228	322.119	322.046	322.067	322.424	322.625	322.850	322.844	322.853	322.756	322.747	322.719	16
17	322.219	322.119	322.046	322.036	322.305	322.509	322.875	322.798	322.792	322.795	322.768	322.716	17
18	322.222	322.110	322.036	322.097	322.256	322.445	322.875	322.808	322.737	322.838	322.862	322.719	18
19	322.222	322.113	322.039	322.158	322.253	322.628	322.869	322.808	322.823	322.753	322.838	322.719	19
20	322.213	322.116	322.043	322.097	322.235	322.646	322.905	322.832	322.832	322.817	322.789	322.719	20
21	322.207	322.103	322.043	322.061	322.250	322.680	322.890	322.826	322.817	322.771	322.765	322.713	21
22	322.201	322.097	322.036	322.100	322.289	322.677	322.859	322.853	322.771	322.792	322.762	322.710	22
23	322.207	322.094	322.039	322.146	322.344	322.670	322.856	322.859	322.741	322.756	322.750	322.710	23
24	322.204	322.085	322.043	322.122	322.457	322.670	322.817	322.881	322.774	322.719	322.747	322.710	24
25	322.195	322.091	322.039	322.125	322.430	322.683	322.862	322.862	322.811	322.753	322.801	322.710	25
26	322.189	322.097	322.036	322.103	322.372	322.707	322.850	322.865	322.622	322.728	322.795	322.710	26
27	322.183	322.091	322.039	322.110	322.338	322.698	322.811	322.856	322.613	322.805	322.762	322.698	27
28	322.183	322.082	322.049	322.116	322.347	322.756	322.798	322.838	322.805	322.832	322.719	322.695	28
29	322.183		322.052	322.125	322.338	322.777	322.792	322.826	322.844	322.805	322.713	322.692	29
30	322.183		322.055	322.143	322.381	322.780	322.817	322.820	322.884	322.759	322.731	322.695	30
31	322.180		322.058		322.366		322.823	322.814		322.731		322.689	31
MEAN	322.230	322.127	322.056	322.090	322.276	322.584	322.851	322.856	322.809	322.781	322.766	322.723	MEAN
MAX	322.289	322.171	322.091	322.158	322.457	322.780	322.905	322.914	322.884	322.875	322.862	322.768	MAX
MIN	322.180	322.082	322.036	322.027	322.103	322.408	322.792	322.798	322.613	322.719	322.680	322.689	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 322.515
MAXIMUM DAILY, 322.914 ON AUG 15
MINIMUM DAILY, 322.027 ON APR 15
MAXIMUM INSTANTANEOUS,
323.022 AT 00:15 CST ON OCT 1

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 54 20 N
LONG 95 19 00 W

REGULATED

WATER LEVELS ARE REFERRED TO LAKE OF THE WOODS DATUM

REMARKS - RUNOFF CONDITIONS OF THE WARROAD RIVER CAN AFFECT WATER LEVELS AT THIS STATION

LAKE OF THE WOODS EASTERN OUTLET AT KENORA POWERHOUSE - STATION NO. 05PE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	133	134	121	54.7	33.2	64.8	56.4	44.4	39.5	60.2	75.9	124	1
2	134	134	121	53.3	33.6	64.7	125	44.5	40.0	64.2	75.8	124	2
3	134	134	123	44.8	33.4	65.0	129	44.5	39.8	64.4	76.0	123	3
4	134	129	123	45.1	30.5	61.4	128	44.4	39.8	64.1	76.1	130	4
5	134	132	123	45.4	29.9	50.7	129	44.5	40.0	63.0	75.6	131	5
6	136	133	123	39.8	28.7	47.6	126	42.6	40.0	62.7	75.8	131	6
7	136	134	123	37.9	26.9	47.7	128	44.5	39.8	63.0	75.7	131	7
8	136	134	123	36.5	26.6	69.1	128	44.4	39.8	63.4	75.2	131	8
9	136	134	121	42.6	26.5	72.4	127	44.5	40.0	63.5	76.2	132	9
10	136	134	83.2	41.1	26.7	72.3	90.1	44.4	39.8	63.4	75.6	132	10
11	135	134	76.0	40.1	54.6	72.6	80.4	44.5	39.7	63.3	75.8	131	11
12	136	134	70.5	38.0	60.1	72.6	80.5	44.5	39.7	63.4	76.0	131	12
13	136	133	70.5	35.0	60.7	72.6	75.0	44.6	39.6	63.5	75.9	131	13
14	137	133	70.5	34.8	61.2	75.5	73.5	40.4	39.6	63.2	75.7	131	14
15	126	133	70.5	36.5	61.6	75.7	73.6	39.7	39.5	63.2	75.7	131	15
16	135	133	70.0	36.5	61.1	87.0	73.5	39.8	39.6	63.3	74.4	131	16
17	136	133	69.9	36.5	61.8	87.4	73.3	39.9	39.7	63.0	73.5	131	17
18	136	133	69.9	36.5	62.0	87.1	73.3	39.9	39.7	62.4	73.2	131	18
19	136	133	69.4	31.2	62.0	87.1	73.3	39.9	39.6	63.2	73.1	131	19
20	136	133	69.2	36.5	62.1	87.0	73.1	40.0	39.6	63.0	73.3	131	20
21	135	133	69.1	39.3	62.2	86.8	70.4	40.2	39.6	63.2	73.6	131	21
22	135	133	69.1	38.0	62.2	87.5	70.0	40.0	39.7	63.0	73.5	128	22
23	136	133	70.1	37.2	61.9	87.8	70.0	40.0	39.7	63.1	73.5	131	23
24	136	134	70.5	20.9	61.8	89.3	53.6	40.0	39.5	63.5	73.5	130	24
25	136	134	70.3	20.4	61.9	91.1	48.3	39.9	39.5	63.2	73.3	130	25
26	135	130	61.7	20.4	62.2	91.3	48.1	39.9	39.6	62.4	73.2	131	26
27	132	122	60.6	20.3	62.4	91.7	48.6	39.9	39.2	61.2	77.5	131	27
28	135	121	60.7	20.4	62.4	91.5	44.9	40.0	39.4	61.5	79.0	131	28
29	136		60.6	20.3	62.2	91.6	44.5	40.0	39.4	63.1	79.1	130	29
30	133		60.6	20.4	62.3	97.0	47.6	40.2	42.8	76.6	123	131	30
31	134		57.2		62.5		44.8	39.9		76.0		133	31
TOTAL	4 182	3 704	2 601.1	1 060.4	1 587.2	2 325.9	2 506.4	1 295.9	1 193.3	1 980.2	2 303.7	4 036	TOTAL
MEAN	135	132	83.9	35.3	51.2	77.5	80.9	41.8	39.8	63.9	76.8	130	MEAN
MAX	137	134	123	54.7	62.5	97.0	129	44.6	42.8	76.6	123	133	MAX
MIN	126	121	57.2	20.3	26.5	47.6	44.4	39.7	39.2	60.2	73.1	123	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 78.8
MAXIMUM DAILY, 137 ON JAN 14
MINIMUM DAILY, 20.3 ON APR 27

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 46 20 N
LONG 94 30 10 W

REGULATED SINCE 1907

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	361 000	JUL	217 000
FEB	320 000	AUG	112 000
MAR	225 000	SEP	103 000
APR	91 600	OCT	171 000
MAY	137 000	NOV	199 000
JUN	201 000	DEC	349 000

TOTAL DISCHARGE, 2 490 000 dam³

REMARKS - THIS STATION IS ONE OF FOUR OUTLETS FROM LAKE OF THE WOODS

LAKE OF THE WOODS OUTLET AT MINK CREEK - STATION NO. 05PE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.96	2.83	2.77	2.76	2.83	3.08	3.51	3.51	3.46	3.39	3.47	3.40	1
2	2.95	2.84	2.80	2.76	2.90	3.09	3.51	3.51	3.52	3.48	3.44	3.41	2
3	2.96	2.84	2.76	2.76	2.85	3.02	3.50	3.51	3.51	3.49	3.47	3.41	3
4	2.95	2.83	2.76	2.75	2.82	3.16	3.51	3.51	3.47	3.45	3.48	3.40	4
5	2.95	2.83	2.80	2.78	2.86	3.08	3.53	3.52	3.50	3.43	3.42	3.41	5
6	2.94	2.82	2.76	2.78	2.88	3.08	3.53	3.51	3.50	3.41	3.36	3.40	6
7	2.94	2.80	2.75	2.80	2.90	3.12	3.58	3.51	3.51	3.46	3.36	3.39	7
8	2.94	2.81	2.95	2.80	2.90	3.20	3.56	3.50	3.51	3.49	3.39	3.39	8
9	2.93	2.81	2.74	2.80	2.82	3.21	3.55	3.53	3.53	3.50	3.49	3.39	9
10	2.92	2.80	2.75	2.80	2.91	3.21	3.54	3.49	3.51	3.48	3.43	3.38	10
11	2.92	2.80	2.76	2.80	2.92	3.24	3.52	3.54	3.51	3.48	3.45	3.39	11
12	2.91	2.79	2.75	2.80	2.92	3.24	3.52	3.51	3.54	3.51	3.48	3.39	12
13	2.91	2.80	2.75	2.80	2.93	3.25	3.52	3.53	3.48	3.52	3.37	3.38	13
14	2.90	2.80	2.75	2.80	2.94	3.28	3.53	3.49	3.48	3.50	3.39	3.38	14
15	2.90	2.80	2.74	2.80	2.90	3.33	3.53	3.47	3.43	3.47	3.43	3.38	15
16	2.90	2.80	2.74	2.80	2.88	3.30	3.54	3.52	3.48	3.50	3.44	3.38	16
17	2.90	2.78	2.73	2.80	2.94	3.40	3.52	3.53	3.49	3.45	3.42	3.38	17
18	2.90	2.77	2.73	2.80	2.97	3.36	3.52	3.53	3.49	3.35	3.39	3.37	18
19	2.89	2.77	2.73	2.80	2.97	3.34	3.53	3.53	3.44	3.47	3.36	3.38	19
20	2.89	2.76	2.73	2.80	2.99	3.34	3.50	3.53	3.45	3.43	3.40	3.38	20
21	2.89	2.76	2.73	2.80	2.99	3.33	3.52	3.52	3.44	3.46	3.43	3.38	21
22	2.88	2.75	2.73	2.80	2.99	3.32	3.54	3.51	3.49	3.43	3.43	3.37	22
23	2.87	2.75	2.72	2.80	2.96	3.37	3.53	3.51	3.51	3.46	3.43	3.38	23
24	2.87	2.76	2.72	2.80	2.95	3.37	3.51	3.51	3.43	3.53	3.42	3.38	24
25	2.86	2.77	2.73	2.80	2.96	3.36	3.47	3.49	3.44	3.45	3.40	3.37	25
26	2.85	2.77	2.72	2.80	3.00	3.42	3.50	3.50	3.51	3.53	3.38	3.36	26
27	2.86	2.77	2.73	2.80	3.04	3.43	3.51	3.51	3.40	3.44	3.38	3.36	27
28	2.85	2.77	2.74	2.80	3.05	3.42	3.52	3.51	3.42	3.48	3.43	3.36	28
29	2.84		2.74	2.80	3.03	3.42	3.54	3.52	3.41	3.49	3.46	3.36	29
30	2.84		2.73	2.80	3.06	3.47	3.53	3.57	3.40	3.50	3.45	3.35	30
31	2.85		2.74		3.09		3.52	3.51		3.49		3.34	31
TOTAL	89.92	78.18	85.28	83.79	91.15	98.24	109.24	108.94	104.26	107.52	102.65	104.80	TOTAL
MEAN	2.90	2.79	2.75	2.79	2.94	3.27	3.52	3.51	3.48	3.47	3.42	3.38	MEAN
MAX	2.96	2.84	2.95	2.80	3.09	3.47	3.58	3.57	3.54	3.53	3.49	3.41	MAX
MIN	2.84	2.75	2.72	2.75	2.82	3.02	3.47	3.47	3.40	3.35	3.36	3.34	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.19
MAXIMUM DAILY, 3.58 ON JUL 7
MINIMUM DAILY, 2.72 ON MAR 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 45 44 N
LONG 94 33 36 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN 7 770	JUL 9 440
FEB 6 750	AUG 9 410
MAR 7 370	SEP 9 010
APR 7 240	OCT 9 290
MAY 7 880	NOV 8 870
JUN 8 490	DEC 9 050

REGULATED

REMARKS - THIS STATION IS ONE OF FOUR OUTLETS FROM LAKE OF THE WOODS

TOTAL DISCHARGE, 101 000 dam³

LAKE OF THE WOODS WESTERN OUTLET AT NORMAN DAM AND POWERHOUSE - STATION NO. 05PE011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	287	284	210	109	83.8	48.5	139	179	96.2	194	231	228	1
2	287	284	214	128	84.1	48.5	233	179	96.8	190	231	229	2
3	286	284	215	127	83.4	48.6	237	179	95.9	190	232	229	3
4	284	290	215	127	83.6	48.9	237	180	96.2	189	232	233	4
5	284	292	215	127	68.7	101	237	180	96.7	188	231	234	5
6	284	293	215	127	84.0	127	237	139	97.7	188	231	234	6
7	284	290	215	127	84.2	127	238	131	98.0	189	231	234	7
8	284	293	215	107	83.7	96.1	237	130	98.1	188	230	233	8
9	284	290	214	131	83.7	92.5	238	131	98.0	189	233	234	9
10	284	288	215	132	84.2	92.8	238	130	183	188	231	234	10
11	284	285	215	132	52.7	92.8	238	131	184	188	232	234	11
12	283	287	214	128	47.6	93.0	238	130	184	189	233	234	12
13	283	283	212	127	47.9	136	239	131	183	189	232	234	13
14	285	289	211	127	48.0	140	239	130	183	188	231	234	14
15	291	289	211	128	47.7	146	239	130	183	188	231	234	15
16	286	289	211	128	47.8	123	239	131	184	189	231	234	16
17	286	288	211	132	48.0	152	238	131	186	186	230	234	17
18	286	288	211	132	48.0	185	238	129	185	186	229	234	18
19	284	286	211	122	48.1	187	238	129	184	188	229	235	19
20	284	288	211	127	48.2	187	237	102	184	187	223	234	20
21	283	288	211	132	48.2	186	238	98.3	184	188	236	234	21
22	286	288	210	132	48.2	190	238	98.9	184	187	236	233	22
23	286	288	211	129	48.0	191	239	98.5	184	190	236	233	23
24	286	245	211	124	47.9	191	158	98.4	183	190	236	233	24
25	284	225	211	123	48.1	191	183	98.2	184	190	236	233	25
26	284	214	196	123	48.3	192	183	98.0	184	191	235	233	26
27	285	210	205	122	48.4	193	184	98.2	182	189	235	233	27
28	286	210	205	123	48.4	192	179	98.4	183	190	236	233	28
29	298		204	123	48.2	193	179	98.4	153	190	237	233	29
30	286		205	123	48.4	211	135	98.5	174	234	231	234	30
31	284		184		48.5		179	98.0		232		249	31
TOTAL	8 848	7 728	6 514	3 779	1 838.0	4 202.7	6 749	3 913.8	4 691.6	5 942	6 968	7 244	TOTAL
MEAN	285	276	210	126	59.3	140	218	126	156	192	232	234	MEAN
MAX	298	293	215	132	84.2	211	239	180	186	234	237	249	MAX
MIN	283	210	184	107	47.6	48.5	135	98.0	95.9	186	223	228	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 187
MAXIMUM DAILY, 298 ON JAN 29
MINIMUM DAILY, 47.6 ON MAY 12

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 46 15 N
LONG 94 31 25 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN 764 000	JUL 583 000
FEB 668 000	AUG 338 000
MAR 563 000	SEP 405 000
APR 327 000	OCT 513 000
MAY 159 000	NOV 602 000
JUN 363 000	DEC 626 000

REGULATED

REMARKS - THIS STATION IS ONE OF FOUR OUTLETS FROM LAKE OF THE WOODS

TOTAL DISCHARGE, 5 910 000 dam³

LAKE ONTARIO AT BURLINGTON - STATION NO. 02HB017

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	74.52	74.42	74.62	74.63	74.70	74.84	74.93	74.93	74.87	74.75	74.72	74.67	1
2	74.42	74.34	74.60	74.62	74.70	74.85	74.94	74.92	74.87	74.73	74.70	74.62	2
3	74.48	74.32	74.63	74.65	74.72	74.85	74.96	74.91	74.87	74.74	74.71	74.64	3
4	74.43	74.33	74.68	74.66	74.72	74.83	74.96	74.91	74.92	74.76	74.71	74.64	4
5	74.43	74.36	74.66	74.63	74.72	74.85	74.95	74.89	74.93	74.77	74.72	74.62	5
6	74.45	74.36	74.64	74.60	74.71	74.82	74.93	74.92	74.92	74.72	74.66	74.60	6
7	---	74.39	74.66	74.65	74.72	74.83	74.92	74.93	74.93	74.65	74.66	74.63	7
8	---	74.34	74.67	74.66	74.72	74.84	74.92	74.93	74.89	74.72	74.69	74.60	8
9	74.47	74.31	74.67	74.63	74.73	74.82	74.90	74.91	74.88	74.74	74.69	74.56	9
10	74.47	74.39	74.67	74.65	74.74	74.83	74.91	74.93	74.84	74.75	74.71	74.56	10
11	74.48	74.29	74.66	74.65	74.73	74.83	74.91	74.92	74.88	74.74	74.68	74.58	11
12	74.50	74.31	74.66	74.65	74.73	74.85	74.92	74.92	74.85	74.75	74.70	74.58	12
13	74.50	74.36	74.64	74.66	74.73	74.86	74.90	74.93	74.85	74.74	74.69	74.58	13
14	74.51	74.36	74.64	74.60	74.77	74.87	74.89	74.97	74.85	74.74	74.69	74.59	14
15	74.54	74.38	74.64	74.64	74.78	74.86	74.90	74.93	74.86	74.72	74.68	74.56	15
16	74.49	74.37	74.64	74.63	74.77	74.86	74.90	74.93	74.87	74.69	74.67	74.51	16
17	74.45	74.37	74.60	74.66	74.78	74.85	74.90	74.95	74.83	74.73	74.68	74.56	17
18	74.41	74.39	74.65	74.62	74.78	74.88	74.90	74.95	74.87	74.67	74.65	74.54	18
19	74.41	74.42	74.65	74.66	74.79	74.87	74.91	74.94	74.84	74.64	74.69	74.52	19
20	74.46	74.44	74.66	74.63	74.80	74.87	74.92	74.91	74.82	74.67	74.69	74.52	20
21	74.45	74.48	74.64	74.67	74.79	74.89	74.91	74.91	74.83	74.69	74.65	74.51	21
22	74.39	74.52	74.66	74.67	74.80	74.87	74.91	74.91	74.79	74.68	74.66	74.53	22
23	74.42	74.53	74.65	74.67	74.80	74.89	74.92	74.89	74.79	74.65	74.67	74.49	23
24	74.43	74.56	74.64	74.66	74.81	74.92	74.91	74.89	74.79	74.67	74.73	74.46	24
25	74.44	74.54	74.65	74.66	74.80	74.89	74.91	74.88	74.81	74.67	74.72	74.49	25
26	74.40	74.58	74.66	74.68	74.80	74.88	74.90	74.89	74.83	74.68	74.69	74.53	26
27	74.40	74.62	74.63	74.69	74.81	74.91	74.91	74.88	74.77	74.68	74.58	74.50	27
28	74.43	74.62	74.65	74.71	74.82	74.92	74.93	74.87	74.72	74.70	74.60	74.50	28
29	74.41		74.64	74.69	74.83	74.93	74.91	74.88	74.75	74.73	74.64	74.48	29
30	74.39		74.65	74.70	74.83	74.91	74.94	74.88	74.77	74.72	74.67	74.48	30
31	74.39		74.66		74.81		74.95	74.87		74.71		74.53	31
MEAN	---	74.42	74.65	74.65	74.77	74.87	74.92	74.91	74.84	74.71	74.68	74.55	MEAN
MAX	---	74.62	74.68	74.71	74.83	74.93	74.96	74.97	74.93	74.77	74.73	74.67	MAX
MIN	---	74.29	74.60	74.60	74.70	74.82	74.89	74.87	74.72	74.64	74.58	74.46	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 74.97 ON AUG 14
MINIMUM DAILY, 74.29 ON FEB 11
MAXIMUM INSTANTANEOUS,
75.01 AT 10:00 EST ON JUL 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 17 59 N
LONG 79 47 34 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 13150 BURLINGTON, ONT

LAKE ONTARIO AT COBOURG - STATION NO. 02HD015

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	74.43	74.34	74.59	74.62	74.66	74.77	74.90	74.88	74.83	74.75	74.66	74.64	1
2	74.40	74.33	74.59	74.60	74.66	74.79	74.90	74.87	74.84	74.73	74.64	74.62	2
3	74.41	74.30	74.59	74.60	74.66	74.80	74.91	74.87	74.84	74.70	74.64	74.60	3
4	74.39	74.29	74.63	74.63	74.66	74.79	74.91	74.87	74.87	74.69	74.64	74.59	4
5	74.41	74.31	74.63	74.60	74.67	74.79	74.90	74.87	74.88	74.69	74.64	74.58	5
6	74.42	74.31	74.63	74.58	74.68	74.78	74.89	74.87	74.87	74.70	74.64	74.55	6
7	74.38	74.32	74.63	74.60	74.67	74.78	74.88	74.87	74.86	74.65	74.62	74.57	7
8	74.38	74.31	74.63	74.61	74.67	74.78	74.88	74.89	74.85	74.67	74.63	74.57	8
9	74.40	74.29	74.63	74.61	74.68	74.79	74.87	74.89	74.81	74.70	74.62	74.54	9
10	74.37	74.32	74.63	74.60	74.68	74.79	74.88	74.88	74.80	74.71	74.65	74.53	10
11	74.39	74.33	74.63	74.60	74.70	74.80	74.88	74.89	74.81	74.71	74.64	74.54	11
12	74.41	74.30	74.64	74.60	74.72	74.81	74.88	74.88	74.83	74.70	74.63	74.54	12
13	74.42	74.31	74.62	74.62	74.70	74.80	74.88	74.87	74.83	74.69	74.63	74.54	13
14	74.42	74.33	74.61	74.59	74.70	74.82	74.86	74.89	74.82	74.69	74.63	74.54	14
15	74.41	74.35	74.61	74.59	74.72	74.82	74.86	74.90	74.83	74.67	74.62	74.53	15
16	74.41	74.35	74.60	74.59	74.73	74.81	74.86	74.89	74.82	74.66	74.63	74.50	16
17	74.39	74.34	74.60	74.60	74.73	74.82	74.86	74.86	74.83	74.65	74.63	74.49	17
18	74.37	74.35	74.60	74.62	74.73	74.81	74.87	74.85	74.83	74.66	74.62	74.51	18
19	74.35	74.37	74.61	74.62	74.73	74.82	74.87	74.86	74.80	74.61	74.62	74.50	19
20	74.35	74.40	74.62	74.61	74.74	74.82	74.89	74.87	74.77	74.61	74.63	74.49	20
21	74.37	74.45	74.62	74.62	74.75	74.83	74.90	74.87	74.77	74.62	74.63	74.48	21
22	74.35	74.47	74.61	74.62	74.75	74.85	74.88	74.86	74.78	74.65	74.61	74.47	22
23	74.35	74.51	74.61	74.64	74.75	74.85	74.88	74.85	74.77	74.65	74.62	74.51	23
24	74.35	74.52	74.61	74.64	74.75	74.86	74.87	74.82	74.75	74.63	74.63	74.45	24
25	74.36	74.53	74.61	74.64	74.75	74.87	74.89	74.83	74.75	74.63	74.64	74.44	25
26	74.36	74.55	74.60	74.63	74.75	74.86	74.87	74.83	74.76	74.64	74.66	74.45	26
27	74.33	74.57	74.60	74.64	74.76	74.86	74.88	74.82	74.76	74.66	74.62	74.48	27
28	74.34	74.59	74.61	74.64	74.78	74.87	74.89	74.82	74.71	74.65	74.58	74.46	28
29	74.34		74.60	74.66	74.78	74.88	74.92	74.83	74.71	74.65	74.58	74.45	29
30	74.33		74.59	74.66	74.78	74.88	74.89	74.82	74.71	74.66	74.61	74.45	30
31	74.33		74.59		74.78		74.88	74.82		74.67		74.46	31
MEAN	74.38	74.38	74.61	74.62	74.72	74.82	74.88	74.86	74.80	74.67	74.63	74.52	MEAN
MAX	74.43	74.59	74.64	74.66	74.78	74.88	74.92	74.90	74.88	74.75	74.66	74.64	MAX
MIN	74.33	74.29	74.59	74.58	74.66	74.77	74.86	74.82	74.71	74.61	74.58	74.44	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 74.66
MAXIMUM DAILY, 74.92 ON JUL 29
MINIMUM DAILY, 74.29 ON FEB 4
MAXIMUM INSTANTANEOUS,
74.99 AT 19:15 EST ON JUL 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 57 28 N
LONG 78 09 54 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 13590 COBOURG, ONT

LAKE ONTARIO AT KINGSTON - STATION NO. 02HM008

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	74.34	74.29	74.57	74.56	74.60	74.73	74.82	74.82	74.75	74.67	74.61	74.58	1
2	74.39	74.33	74.59	74.58	74.61	74.72	74.83	74.82	74.78	74.69	74.61	74.60	2
3	74.34	74.31	74.57	74.56	74.61	74.73	74.84	74.82	74.76	74.68	74.60	74.56	3
4	74.38	74.33	74.56	74.57	74.61	74.75	74.84	74.81	74.76	74.68	74.59	74.55	4
5	74.38	74.29	74.55	74.58	74.61	74.75	74.84	74.83	74.78	74.66	74.60	74.53	5
6	74.39	74.29	74.59	74.58	74.61	74.77	74.85	74.82	74.78	74.71	74.63	74.52	6
7	74.42	74.26	74.59	74.56	74.63	74.75	74.85	74.81	74.78	74.72	74.62	74.51	7
8	74.37	74.29	74.60	74.56	74.61	74.74	74.86	74.82	74.81	74.68	74.63	74.51	8
9	74.39	74.29	74.60	74.57	74.62	74.77	74.86	74.84	74.79	74.66	74.61	74.51	9
10	74.38	74.25	74.60	74.55	74.60	74.76	74.87	74.82	74.85	74.64	74.60	74.50	10
11	74.36	74.33	74.60	74.55	74.63	74.78	74.87	74.84	74.80	74.63	74.60	74.50	11
12	74.34	74.30	74.60	74.51	74.68	74.76	74.86	74.84	74.81	74.61	74.58	74.50	12
13	74.33	74.29	74.62	74.52	74.68	74.75	74.86	74.83	74.81	74.61	74.59	74.49	13
14	74.33	74.29	74.59	74.61	74.66	74.77	74.83	74.82	74.79	74.62	74.57	74.49	14
15	74.31	74.27	74.61	74.56	74.66	74.77	74.85	74.85	74.77	74.62	74.55	74.48	15
16	74.33	74.28	74.57	74.57	74.68	74.78	74.85	74.84	74.73	74.61	74.57	74.49	16
17	74.34	74.29	74.62	74.56	74.69	74.79	74.84	74.82	74.72	74.59	74.59	74.44	17
18	74.36	74.29	74.58	74.59	74.70	74.78	74.83	74.82	74.75	74.69	74.60	74.45	18
19	74.36	74.30	74.58	74.57	74.70	74.79	74.82	74.82	74.75	74.63	74.57	74.45	19
20	74.31	74.34	74.56	74.56	74.70	74.78	74.84	74.81	74.73	74.63	74.56	74.45	20
21	74.31	74.39	74.57	74.57	74.71	74.78	74.84	74.80	74.72	74.59	74.61	74.50	21
22	74.34	74.38	74.56	74.55	74.70	74.84	74.83	74.79	74.70	74.56	74.60	74.46	22
23	74.32	74.42	74.56	74.55	74.70	74.84	74.82	74.80	74.70	74.60	74.58	74.44	23
24	74.31	74.46	74.56	74.59	74.70	74.82	74.81	74.78	74.71	74.58	74.58	74.49	24
25	74.30	74.50	74.56	74.61	74.70	74.85	74.83	74.76	74.72	74.60	74.58	74.45	25
26	74.32	74 50	74.55	74.61	74.70	74.85	74.82	74.76	74.71	74.57	74.58	74.40	26
27	74.31	74.51	74.56	74.61	74.70	74.84	74.81	74.75	74.75	74.56	74.67	74.41	27
28	74.29	74.55	74.55	74.59	74.72	74.83	74.78	74.74	74.74	74.57	74.60	74.42	28
29	74.29		74.55	74.61	74.72	74.84	74.83	74.75	74.72	74.57	74.56	74.42	29
30	74.29		74.55	74.62	74.74	74.83	74.82	74.76	74.70	74.59	74.56	74.41	30
31	74.28		74.56		74.75		74.83	74.76		74.61		74.41	31
MEAN	74.34	74.34	74.58	74.57	74.67	74.78	74.84	74.80	74.76	74.63	74.59	74.48	MEAN
MAX	74.42	74.55	74.62	74.62	74.75	74.85	74.87	74.85	74.85	74.72	74.67	74.60	MAX
MIN	74.28	74.25	74.55	74.51	74.60	74.72	74.78	74.74	74.70	74.56	74.56	74.40	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 74.62
MAXIMUM DAILY, 74.87 ON JUL 10
MINIMUM DAILY, 74.25 ON FEB 10
MAXIMUM INSTANTANEOUS,
74.99 AT 16:00 EST ON JUN 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 13 03 N
LONG 76 31 03 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 13988 KINGSTON, ONT

LAKE ONTARIO AT PORT WELLER - STATION NO. 02HA018

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	74.44	74.34	74.59	74.62	74.67	74.79	74.90	74.89	74.82	74.74	74.66	74.65	1
2	74.39	74.28	74.59	74.59	74.66	74.79	74.90	74.88	74.83	74.72	74.64	74.60	2
3	74.45	74.29	74.61	74.62	74.67	74.79	74.90	74.86	74.83	74.71	74.65	74.60	3
4	74.41	74.30	74.64	74.62	74.67	74.78	74.90	74.87	74.87	74.71	74.65	74.60	4
5	74.40	74.31	74.64	74.60	74.67	74.79	74.90	74.85	74.88	74.71	74.66	74.59	5
6	74.40	74.30	74.61	74.58	74.67	74.78	74.89	74.86	74.87	74.69	74.63	74.56	6
7	74.38	74.32	74.62	74.61	74.68	74.78	74.88	74.88	74.87	74.66	74.63	74.59	7
8	74.40	74.29	74.63	74.61	74.69	74.79	74.88	74.88	74.85	74.69	74.65	74.58	8
9	74.39	74.27	74.63	74.59	74.69	74.78	74.88	74.87	74.85	74.69	74.64	74.56	9
10	74.39	74.34	74.63	74.61	74.69	74.79	74.88	74.88	74.81	74.69	74.65	74.56	10
11	74.40	74.28	74.63	74.60	74.71	74.79	74.87	74.88	74.83	74.68	74.63	74.55	11
12	74.41	74.29	74.64	74.62	74.70	74.81	74.87	74.88	74.81	74.68	74.64	74.55	12
13	74.41	74.33	74.62	74.62	74.71	74.82	74.86	74.88	74.81	74.68	74.63	74.54	13
14	74.42	74.32	74.61	74.58	74.72	74.82	74.87	74.88	74.81	74.67	74.64	74.55	14
15	74.42	74.34	74.61	74.60	74.72	74 83	74.86	74.88	74.81	74.67	74.62	74.53	15
16	74.40	74.33	74.62	74.60	74.72	74.83	74.86	74.88	74.81	74.64	74.62	74.50	16
17	74.38	74.33	74.59	74.62	74.73	74.82	74.85	74.87	74.81	74.66	74.64	74.53	17
18	74.36	74.35	74.62	74.60	74.72	74.83	74.86	74.87	74.81	74.63	74.61	74.51	18
19	74.34	74.37	74.62	74.63	74.73	74.83	74.87	74.87	74.80	74.61	74.64	74.50	19
20	74.38	74.40	74.62	74.61	74.74	74.82	74.87	74.86	74.80	74.63	74.66	74.48	20
21	74.36	74.43	74.61	74.63	74.74	74.83	74.87	74.85	74.79	74.63	74.62	74.48	21
22	74.32	74.49	74.62	74.64	74.75	74.84	74.86	74.85	74.79	74.64	74.63	74.48	22
23	74.35	74.52	74.61	74.65	74.75	74.85	74.87	74.84	74.77	74.62	74.63	74.47	23
24	74.35	74.52	74.60	74.63	74.75	74.87	74.87	74.84	74.76	74.63	74.64	74.44	24
25	74.35	74.51	74.60	74.63	74.75	74.85	74.85	74.83	74.76	74.63	74.63	74.46	25
26	74.33	74.54	74.62	74.64	74.76	74.85	74.85	74.82	74.77	74.64	74.67	74.49	26
27	74.33	74.57	74.59	74.65	74.76	74.87	74.85	74.81	74.75	74.65	74.57	74.48	27
28	74.35	74.58	74.61	74.66	74.78	74.87	74.90	74.81	74.73	74.65	74.59	74.46	28
29	74.33		74.60	74.65	74.78	74.88	74.88	74.82	74.73	74.67	74.61	74.45	29
30	74.32		74.59	74.66	74.78	74.88	74.89	74.82	74.73	74.68	74.62	74.45	30
31	74.32		74.60		74.77		74.90	74.82		74.68		74.48	31
MEAN	74.38	74.38	74.61	74.62	74.72	74.82	74.88	74.86	74.81	74.67	74.63	74.52	MEAN
MAX	74.45	74.58	74.64	74.66	74.78	74.88	74.90	74.89	74.88	74.74	74.67	74.65	MAX
MIN	74.32	74.27	74.59	74.58	74.66	74.78	74.85	74.81	74.73	74.61	74.57	74.44	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 74.66
MAXIMUM DAILY, 74.90 ON JUL 1
MINIMUM DAILY, 74.27 ON FEB 9
MAXIMUM INSTANTANEOUS,
75.00 AT 15:15 EST ON JUL 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 16 12 N
LONG 79 13 12 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 13030 PORT WELLER, ONT

LAKE ONTARIO AT TORONTO - STATION NO. 02HC048

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	74.45	74.37	74.58	74.61	74.66	74.78	74.91	74.88	74.82	74.75	74.67	74.62	1
2	74.38	74.29	74.57	74.58	74.66	74.79	74.91	74.87	74.83	74.70	74.63	74.60	2
3	74.44	74.29	74.59	74.61	74.68	74.78	74.90	74.86	74.83	74.67	74.65	74.60	3
4	74.41	74.28	74.64	74.61	74.68	74.78	74.90	74.87	74.87	74.70	74.66	74.61	4
5	74.42	74.31	74.65	74.57	74.67	74.79	74.89	74.87	74.88	74.69	74.66	74.60	5
6	74.42	74.31	74.61	74.57	74.67	74.77	74.88	74.87	74.87	74.66	74.63	74.58	6
7	74.36	74.32	74.61	74.62	74.68	74.78	74.88	74.88	74.86	74.61	74.61	74.59	7
8	74.37	74.28	74.63	74.62	74.68	74.78	74.87	74.89	74.82	74.66	74.64	74.55	8
9	74.40	74.27	74.63	74.59	74.69	74.77	74.86	74.89	74.82	74.68	74.62	74.54	9
10	74.37	74.34	74.64	74.62	74.70	74.76	74.87	74.89	74.80	74.69	74.66	74.53	10
11	74.38	74.28	74.64	74.60	74.71	74.77	74.88	74.88	74.82	74.69	74.63	74.55	11
12	74.41	74.28	74.63	74.63	74.68	74.79	74.88	74.88	74.81	74.69	74.65	74.55	12
13	74.43	74.33	74.61	74.63	74.70	74.82	74.84	74.87	74.80	74.67	74.64	74.55	13
14	74.43	74.32	74.62	74.59	74.73	74.82	74.84	74.89	74.82	74.67	74.63	74.53	14
15	74.42	74.33	74.60	74.61	74.74	74.84	74.85	74.89	74.80	74.67	74.62	74.55	15
16	74.41	74.33	74.60	74.61	74.71	74.82	74.85	74.88	74.81	74.64	74.62	74.49	16
17	74.38	74.34	74.56	74.61	74.73	74.81	74.85	74.86	74.82	74.65	74.64	74.52	17
18	74.35	74.35	74.62	74.60	74.71	74.85	74.85	74.86	74.82	74.64	74.62	74.51	18
19	74.35	74.38	74.61	74.62	74.73	74.83	74.87	74.87	74.81	74.59	74.62	74.49	19
20	74.39	74.41	74.62	74.59	74.75	74.82	74.87	74.86	74.78	74.63	74.67	74.48	20
21	74.37	74.43	74.60	74.63	74.74	74.85	74.85	74.86	74.78	74.61	74.62	74.49	21
22	74.32	74.48	74.62	74.62	74.74	74.85	74.86	74.86	74.76	74.64	74.61	74.51	22
23	74.34	74.49	74.62	74.61	74.76	74.85	74.86	74.85	74.74	74.62	74.63	74.48	23
24	74.35	74.55	74.60	74.62	74.77	74.87	74.86	74.85	74.76	74.61	74.64	74.45	24
25	74.34	74.50	74.61	74.64	74.78	74.85	74.86	74.83	74.76	74.63	74.65	74.46	25
26	74.32	74.53	74.61	74.62	74.76	74.84	74.86	74.82	74.77	74.65	74.68	74.49	26
27	74.32	74.60	74.59	74.61	74.75	74.86	74.85	74.82	74.75	74.65	74.58	74.50	27
28	74.36	74.58	74.61	74.61	74.78	74.88	74.91	74.84	74.69	74.65	74.58	74.46	28
29	74.34		74.60	74.64	74.78	74.87	74.88	74.83	74.69	74.68	74.60	74.44	29
30	74.33		74.63	74.66	74.78	74.88	74.89	74.84	74.73	74.68	74.63	74.45	30
31	74.33		74.62		74.77		74.89	74.84		74.67		74.49	31
MEAN	74.38	74.38	74.61	74.61	74.72	74.82	74.87	74.86	74.80	74.66	74.63	74.52	MEAN
MAX	74.45	74.60	74.65	74.66	74.78	74.88	74.91	74.89	74.88	74.75	74.68	74.62	MAX
MIN	74.32	74.27	74.56	74.57	74.66	74.76	74.84	74.82	74.69	74.59	74.58	74.44	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 74.66
MAXIMUM DAILY, 74.91 ON JUL 1
MINIMUM DAILY, 74.27 ON FEB 9
MAXIMUM INSTANTANEOUS,
75.01 AT 14:15 EST ON JUL 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 38 38 N
LONG 79 22 50 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 13320 TORONTO, ONT

LAKE SIMCOE NEAR GAMEBRIDGE - STATION NO. 02EC015

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	218.92	218.81	---	---	219.06	219.11	219.07	218.98	218.96	218.83	218.80	---	1
2	218.92	218.81	---	---	219.05	---	219.07	218.98	218.96	218.84	218.80	---	2
3	218.91	218.81	---	---	219.04	---	219.08	218.98	218.95	218.83	218.79	---	3
4	218.91	218.81	---	---	219.04	---	219.07	218.98	218.96	218.82	218.80	---	4
5	218.91	218.80	---	---	219.04	---	219.08	218.99	218.98	218.81	218.79	---	5
6	218.90	218.80	219.04	---	219.04	---	219.08	218.98	218.99	218.86	218.81	---	6
7	218.91	218.79	219.03	---	219.04	---	219.07	218.97	219.00	218.86	218.80	---	7
8	218.90	218.79	219.03	---	219.04	---	219.08	218.97	219.02	218.83	218.80	---	8
9	218.90	218.79	219.02	---	219.04	219.11	219.07	218.99	219.01	218.82	218.78	---	9
10	218.90	218.78	219.01	---	219.04	219.10	219.07	218.99	219.01	218.82	218.78	---	10
11	218.90	218.80	219.01	---	219.08	219.10	219.06	218.99	218.98	218.81	218.78	---	11
12	218.89	218.81	219.01	---	219.12	219.09	219.05	218.99	218.98	218.81	218.77	---	12
13	218.88	218.80	219.01	---	219.13	219.08	219.05	218.98	218.98	218.81	218.77	---	13
14	218.88	218.80	219.01	---	219.12	219.09	219.04	218.97	218.97	218.80	218.76	---	14
15	218.87	218.79	219.01	---	219.12	219.09	219.03	219.00	218.96	218.81	218.76	---	15
16	218.88	218.79	219.01	---	219.13	219.11	219.02	218.99	218.94	218.80	218.77	---	16
17	218.87	218.79	219.01	---	219.13	219.10	219.02	218.98	218.92	218.79	218.78	---	17
18	218.87	218.80	219.00	---	219.13	219.10	219.02	218.98	218.93	218.84	218.79	---	18
19	218.86	---	219.00	---	219.12	219.09	219.02	218.97	218.93	218.81	---	---	19
20	218.86	---	219.00	---	219.12	219.08	219.02	218.96	218.92	218.82	---	---	20
21	218.85	---	219.00	---	219.12	219.08	219.02	218.96	218.91	218.78	---	---	21
22	218.85	---	219.00	---	219.11	219.10	219.00	218.96	218.89	218.78	---	---	22
23	218.85	---	219.00	---	219.11	219.11	219.00	218.96	218.89	218.81	---	---	23
24	218.84	---	218.99	---	219.11	219.10	218.99	218.96	218.88	218.80	---	---	24
25	218.83	---	218.99	---	219.11	219.11	218.99	218.95	218.87	218.79	---	---	25
26	218.83	---	218.99	---	219.11	219.10	218.99	218.95	218.86	218.79	---	---	26
27	218.83	---	218.99	---	219.12	219.08	218.98	218.94	218.89	218.79	---	---	27
28	218.83	---	218.98	---	219.11	219.08	218.96	218.94	218.89	218.80	---	---	28
29	218.82		218.98	---	219.11	219.08	218.99	218.96	218.86	218.79	---	---	29
30	218.82		218.99	---	219.13	219.08	218.99	218.96	218.84	218.79	---	---	30
31	218.82		---		219.12		218.98	218.96		218.80		---	31
MEAN	218.87	---	---	---	219.09	---	219.03	218.97	218.94	218.81	---	---	MEAN
MAX	218.92	---	---	---	219.13	---	219.38	219.00	219.02	218.86	---	---	MAX
MIN	218.82	---	---	---	219.04	---	218.96	218.94	218.84	218.78	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 28 22 N
LONG 79 10 02 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - DATA PROIR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 16500 GAMEBRIDGE, ONT

LAKE ST. CLAIR AT BELLE RIVER - STATION NO. 02GH005

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	174.70	174.88	175.09	174.96	175.17	175.14	175.26	175.23	175.17	175.29	175.14	175.01	1
2	174.63	174.87	175.08	174.97	175.15	175.13	175.25	175.22	175.20	175.35	175.14	174.96	2
3	174.60	174.87	175.06	174.92	175.12	175.13	175.25	175.22	175.22	175.30	175.12	174.99	3
4	174.57	174.88	175.04	174.88	175.11	175.15	175.25	175.21	175.23	175.27	175.11	175.03	4
5	174.57	174.91	175.05	174.98	175.13	175.14	175.25	175.23	175.26	175.26	175.09	175.03	5
6	174.58	174.91	175.03	174.98	175.23	175.14	175.25	175.22	175.26	175.23	175.15	175.01	6
7	174.60	174.91	175.02	174.94	175.11	175.14	175.24	175.22	175.24	175.24	175.11	175.00	7
8	174.61	174.90	175.01	174.93	175.11	175.13	175.23	175.23	175.27	175.22	175.08	175.06	8
9	174.61	174.91	175.00	174.99	175.10	175.14	175.24	175.24	175.24	175.20	175.15	175.09	9
10	174.61	174.94	175.00	174.97	175.16	175.15	175.25	175.23	175.18	175.20	175.06	175.08	10
11	174.63	174.98	175.00	175.00	175.21	175.15	175.24	175.23	175.20	175.19	175.08	175.04	11
12	174.64	174.97	174.96	175.04	175.19	175.15	175.23	175.21	175.19	175.18	175.08	175.02	12
13	174.65	174.96	175.02	175.03	175.17	175.16	175.25	175.21	175.19	175.16	175.07	174.99	13
14	174.66	174.95	175.00	175.09	175.19	175.17	175.27	175.20	175.21	175.13	175.06	175.00	14
15	174.67	174.95	174.96	175.09	175.21	175.17	175.25	175.21	175.22	175.13	175.06	175.00	15
16	174.67	174.94	175.07	175.07	175.18	175.18	175.23	175.28	175.22	175.14	175.05	174.98	16
17	174.67	174.96	175.03	175.07	175.20	175.19	175.23	175.24	175.26	175.09	175.04	175.01	17
18	174.67	174.97	174.99	175.10	175.19	175.18	175.22	175.23	175.23	175.01	175.04	174.99	18
19	174.67	174.99	175.00	175.09	175.17	175.21	175.21	175.24	175.18	175.07	175.06	175.00	19
20	174.68	175.04	174.99	175.17	175.15	175.21	175.25	175.23	175.20	175.00	175.08	174.95	20
21	174.69	175.07	174.97	175.08	175.14	175.21	175.29	175.22	175.21	175.12	175.09	174.93	21
22	174.69	175.08	174.98	175.07	175.13	175.25	175.26	175.21	175.26	175.13	175.05	175.00	22
23	174.71	175.10	174.98	175.07	175.13	175.24	175.24	175.19	175.24	175.13	175.05	175.03	23
24	174.74	175.12	174.97	175.10	175.12	175.23	175.24	175.21	175.21	175.12	175.07	175.00	24
25	174.77	175.13	174.97	175.10	175.12	175.26	175.22	175.19	175.19	175.13	175.04	175.03	25
26	174.78	175.14	174.96	175.09	175.12	175.25	175.24	175.18	175.15	175.15	175.02	175.04	26
27	174.82	175.13	174.98	175.09	175.17	175.24	175.25	175.17	175.15	175.20	175.01	175.03	27
28	174.86	175.11	174.95	175.11	175.16	175.22	175.27	175.17	175.16	175.22	175.02	175.02	28
29	174.87		174.93	175.15	175.13	175.22	175.29	175.16	175.16	175.20	175.02	175.02	29
30	174.88		174.95	175.15	175.15	175.26	175.26	175.17	175.16	175.18	175.02	175.00	30
31	174.89		174.97		175.16		175.25	175.17		175.15		174.99	31
MEAN	174.69	174.98	175.00	175.04	175.15	175.18	175.25	175.21	175.21	175.17	175.07	175.01	MEAN
MAX	174.89	175.14	175.09	175.17	175.23	175.26	175.29	175.28	175.27	175.35	175.15	175.09	MAX
MIN	174.57	174.87	174.93	174.88	175.10	175.13	175.21	175.16	175.15	175.00	175.01	174.93	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 175.08
MAXIMUM DAILY, 175.35 ON OCT 2
MINIMUM DAILY, 174.57 ON JAN 4
MAXIMUM INSTANTANEOUS,
175.42 AT 07:30 EST ON OCT 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 17 49 N
LONG 82 42 37 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 11965 BELLE RIVER, ONT

LAKE ST. CLAIR AT TECUMSEH - STATION NO. 02GH006

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	174.64	174.82	175.03	174.86	175.13	175.12	175.23	175.20	175.13	175.17	175.11	175.02	1
2	174.56	174.79	175.01	174.94	175.11	175.11	175.24	175.18	175.16	175.20	175.10	174.88	2
3	174.54	174.80	175.01	174.89	175.10	175.10	175.22	175.18	175.18	175.24	175.09	174.95	3
4	174.52	174.84	175.00	174.86	175.08	175.11	175.21	175.16	175.14	175.23	175.08	174.98	4
5	174.53	174.86	175.00	174.86	175.09	175.10	175.22	175.18	175.19	175.21	175.05	174.96	5
6	174.55	174.86	174.98	174.92	175.15	175.10	175.21	175.18	175.21	175.11	174.99	174.96	6
7	174.57	174.85	174.97	174.91	175.08	175.11	175.21	175.19	175.21	175.12	175.03	174.95	7
8	174.59	174.84	174.97	174.90	175.09	175.09	175.20	175.19	175.17	175.16	175.03	174.92	8
9	174.58	174.85	174.95	174.94	175.07	175.09	175.20	175.19	175.18	175.16	175.07	174.93	9
10	174.59	---	174.95	174.94	175.12	175.10	175.21	175.18	175.12	175.18	175.02	174.94	10
11	174.60	---	174.94	174.96	175.14	175.11	175.21	175.17	175.15	175.16	175.03	174.95	11
12	174.62	---	174.89	175.03	175.13	175.12	175.19	175.17	175.15	175.16	175.05	174.97	12
13	174.63	---	174.93	175.01	175.13	175.14	175.21	175.16	175.15	175.14	175.03	174.95	13
14	174.64	---	174.91	174.99	175.17	175.14	175.22	175.16	175.17	175.10	175.03	174.96	14
15	174.64	---	174.88	175.04	175.15	175.13	175.21	175.16	175.17	175.08	175.02	174.95	15
16	174.63	---	174.97	175.03	175.14	175.13	175.20	175.21	175.19	175.09	175.01	174.91	16
17	174.63	---	174.92	175.03	175.17	175.15	175.19	175.21	175.23	175.08	174.99	174.98	17
18	174.62	---	174.94	175.05	175.16	175.14	175.18	175.20	175.20	174.88	174.98	174.92	18
19	174.63	---	174.94	175.06	175.14	175.18	175.17	175.20	175.11	174.97	175.06	174.90	19
20	174.64	---	174.90	175.11	175.12	175.19	175.21	175.19	175.14	174.94	174.96	174.88	20
21	174.64	175.01	174.93	175.07	175.10	175.18	175.23	175.18	175.19	175.09	174.96	174.86	21
22	174.63	175.04	174.95	175.07	175.11	175.17	175.22	175.17	175.21	175.10	174.98	174.93	22
23	174.67	175.05	174.94	175.01	175.10	175.21	175.22	175.15	175.19	175.05	175.01	174.94	23
24	174.69	175.06	174.94	175.02	175.09	175.21	175.20	175.16	175.17	175.08	175.05	174.90	24
25	174.72	175.08	174.93	175.04	175.08	175.18	175.19	175.16	175.16	175.09	175.02	174.95	25
26	174.73	175.08	174.93	175.06	175.09	175.21	175.19	175.15	175.12	175.11	175.01	174.98	26
27	174.78	175.06	174.94	175.07	175.12	175.21	175.21	175.15	175.02	175.14	174.88	174.95	27
28	174.81	175.04	174.93	175.08	175.12	175.20	175.22	175.14	175.08	175.17	174.94	174.95	28
29	174.81		174.90	175.09	175.10	175.18	175.23	175.13	175.13	175.18	174.96	174.95	29
30	174.82		174.91	175.11	175.11	175.22	175.22	175.13	175.18	175.16	174.99	174.93	30
31	174.83		174.95		175.12		175.22	175.14		175.13		174.95	31
MEAN	174.65	---	174.95	175.00	175.12	175.15	175.21	175.17	175.16	175.12	175.02	174.94	MEAN
MAX	174.83	---	175.03	175.11	175.17	175.22	175.24	175.21	175.23	175.24	175.11	175.02	MAX
MIN	174.52	---	174.88	174.86	175.07	175.09	175.17	175.13	175.02	174.88	174.88	174.86	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 175.24 ON JUL 2
MINIMUM DAILY, 174.52 ON JAN 4
MAXIMUM INSTANTANEOUS,
175.31 AT 23:15 EST ON JUL 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 20 22 N
LONG 82 55 24 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 11975 TECUMSEH, ONT

LAKE ST. JOSEPH DIVERSION AT ROOT PORTAGE - STATION NO. 05QB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	64.3E	62.3	57.2	51.0	53.5	57.8	61.0	54.7	51.6	45.1	37.7	40.5	1
2	63.8E	61.0	57.2	51.0	53.5	58.5	60.4	57.2	51.0	42.8	38.8	40.5	2
3	63.3E	61.0	56.6	52.2	53.5	57.8	62.3	57.2	49.2	42.8	38.8	40.5	3
4	63.3E	60.4	55.9	52.2	54.1	56.6	63.6	57.2	50.4	42.8	38.3	39.9	4
5	63.1E	61.0	56.6	50.4	54.1	55.3	61.7	56.6	49.8	41.6	37.7	39.9	5
6	63.3E	61.0	55.9	50.4	54.1	58.5	63.0	59.1	49.2	41.6	38.8	41.1	6
7	65.6	61.0	55.3	49.8	54.1	59.1	59.7	58.5	48.6	41.1	38.8	41.1	7
8	64.9	60.4	55.3	49.8	54.7	59.7	60.4	58.5	48.6	42.2	36.6	41.1	8
9	64.3	59.7	55.3	49.8	55.3	57.8	57.8	58.5	48.6	43.3	35.5	40.5	9
10	64.3	59.1	55.3	50.4	54.7	58.5	60.4	57.8	49.2	42.2	38.3	41.1	10
11	64.3	58.5	54.1	51.0	54.7	56.6	62.3	56.6	47.4	41.1	39.4	41.1	11
12	64.9	58.5	54.7	50.4	54.7	58.5	62.3	57.8	46.8	41.1	38.8	41.1	12
13	65.6	58.5	54.1	50.4	54.7	59.7	61.7	57.2	46.8	39.4	38.3	41.6	13
14	64.9	59.1	53.5	50.4	54.7	61.7	63.6	55.9	46.8	39.4	38.8	41.6	14
15	64.3	59.1	54.7	50.4	56.6	59.1	62.3	57.2	47.4	39.9	39.4	41.6	15
16	63.6	58.5	54.1	50.4	57.2	58.5	61.7	55.3	46.9	39.4	39.4	41.6	16
17	63.0	59.1	53.5	51.6	55.3	57.8	62.3	54.1	45.6	39.9	39.4	41.6	17
18	63.6	59.1	52.5	50.4	54.7	54.1	61.0	54.7	43.9	41.1	41.1	41.6	18
19	63.6	58.5	52.8	51.0	54.7	57.8	59.7	54.1	45.6	39.9	41.1	41.1	19
20	63.0	58.5	52.8	50.4	54.1	59.7	63.6	54.7	45.6	40.5	40.5	41.6	20
21	62.3	58.5	52.2	51.0	54.1	61.7	60.4	54.7	45.6	39.4	39.9	41.6	21
22	63.0	58.5	51.6	51.6	54.7	60.4	59.1	53.5	45.1	39.4	39.4	42.8	22
23	63.0	58.5	51.6	52.2	58.5	60.4	59.1	55.3	43.3	38.8	39.4	42.2	23
24	63.0	57.8	51.6	51.6	59.1	61.0	57.8	54.7	42.8	38.8	39.4	41.6	24
25	63.0	57.8	51.6	51.6	59.1	59.7	58.5	52.8	44.5	37.7	39.4	41.6	25
26	63.0	57.8	51.6	52.2	57.2	60.4	57.2	53.5	45.1	38.8	39.9	41.6	26
27	61.7	57.8	50.4	52.2	56.6	59.1	57.8	52.8	41.1	39.9	39.9	41.6	27
28	62.3	57.2	50.4	52.2	56.6	60.4	57.2	51.6	43.3	39.9	39.9	41.6	28
29	61.7		50.4	53.5	57.2	62.3	55.3	51.0	44.5	39.9	39.9	41.6	29
30	61.0		51.0	53.5	57.2	61.0	56.6	51.0	45.6	40.5	39.9	41.6	30
31	61.0		51.0		57.8		55.3	50.4		36.1		41.1	31
TOTAL	1 966.0	1 658.2	1 660.8	1 535.0	1 721.1	1 769.5	1 865.1	1 714.2	1 399.9	1 256.4	1 172.5	1 279.6	TOTAL
MEAN	63.4	59.2	53.6	51.2	55.5	59.0	60.2	55.3	46.7	40.5	39.1	41.3	MEAN
MAX	65.6	62.3	57.2	53.5	59.1	62.3	63.6	59.1	51.6	45.1	41.1	42.8	MAX
MIN	61.0	57.2	50.4	49.8	53.5	54.1	55.3	50.4	41.1	36.1	35.5	39.9	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 52.1
MAXIMUM DAILY, 65.6 ON JAN 7
MINIMUM DAILY, 35.5 ON NOV 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 52 10 N
LONG 91 27 30 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	170 000	JUL	161 000
FEB	143 000	AUG	148 000
MAR	143 000	SEP	121 000
APR	133 000	OCT	109 000
MAY	149 000	NOV	101 000
JUN	153 000	DEC	111 000

DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED
REGULATED

TOTAL DISCHARGE, 1 640 000 dam³

LAKE SUPERIOR AT GROS CAP - STATION NO. 02BF010

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	183.00	182.88	182.88	---	182.98	182.97	183.14	183.08	183.08	182.98	182.99	182.90	1
2	182.97	182.89	182.91	182.57	182.91	182.98	183.13	183.11	183.07	183.02	183.01	182.97	2
3	182.98	182.88	182.85	182.83	182.89	183.05	183.12	183.11	183.05	182.96	182.98	182.92	3
4	183.00	182.88	182.88	182.92	182.97	183.05	183.13	183.13	183.09	182.93	182.96	182.95	4
5	182.91	182.84	182.88	182.95	183.06	183.03	183.13	183.11	183.06	182.96	183.02	182.93	5
6	182.99	182.88	182.88	182.84	183.02	183.09	183.11	183.09	183.03	183.10	183.07	182.84	6
7	182.97	182.84	182.88	182.79	182.99	183.02	183.09	183.11	183.04	183.08	182.98	182.95	7
8	182.91	182.89	182.87	182.85	182.97	183.05	183.11	183.12	183.12	183.00	183.08	182.97	8
9	182.99	182.86	182.86	182.85	183.04	183.06	183.16	183.10	183.03	182.95	182.99	182.97	9
10	182.92	182.88	182.88	182.82	183.02	183.06	183.13	183.12	183.06	182.94	183.00	182.97	10
11	182.92	182.93	182.85	182.88	183.04	183.05	183.11	183.10	183.02	182.97	183.00	182.93	11
12	182.87	182.84	182.88	182.84	183.05	183.06	183.12	183.10	183.04	182.93	182.92	182.87	12
13	182.88	182.81	182.88	182.76	183.03	183.02	183.15	183.08	183.05	182.89	182.92	182.91	13
14	182.87	182.80	182.85	182.90	183.02	183.05	183.15	183.06	183.07	182.94	182.90	182.92	14
15	182.88	182.77	182.88	182.89	183.02	183.09	183.13	183.14	183.07	183.04	182.91	182.93	15
16	182.90	182.79	182.87	182.89	183.04	183.10	183.13	183.13	183.05	182.97	182.93	182.92	16
17	182.87	182.80	182.88	182.94	183.02	183.05	183.11	183.10	183.03	182.92	183.00	182.92	17
18	182.90	182.80	182.87	182.96	183.01	183.08	183.12	183.09	183.00	183.21	183.03	182.93	18
19	182.87	182.83	182.88	182.96	183.00	183.10	183.11	183.08	183.06	183.02	182.98	182.90	19
20	182.85	182.85	182.88	182.94	182.99	183.08	183.14	183.07	183.05	183.07	183.01	182.83	20
21	182.87	182.82	182.84	182.86	182.98	183.11	183.16	183.06	183.01	183.02	183.00	182.84	21
22	182.91	182.80	182.83	182.84	182.96	183.14	183.13	183.04	183.00	183.01	182.97	182.86	22
23	182.88	182.84	182.84	182.92	182.96	183.10	183.09	183.06	182.97	183.09	182.94	182.88	23
24	182.83	182.88	182.84	183.01	182.97	183.09	183.06	183.06	182.97	182.96	182.92	182.94	24
25	182.79	182.88	182.80	182.97	183.00	---	183.12	183.05	182.94	183.00	182.88	182.90	25
26	182.91	182.86	182.81	182.95	183.03	183.14	183.15	183.05	182.93	182.97	182.86	182.80	26
27	182.87	182.81	182.82	182.96	183.01	183.10	183.13	183.06	183.10	183.01	183.10	182.82	27
28	182.87	182.90	182.78	182.97	183.00	183.08	183.12	183.02	183.08	182.98	183.04	182.93	28
29	182.88		182.84	182.97	183.00	183.15	183.11	183.02	182.99	182.92	182.96	182.87	29
30	182.85		182.87	182.97	183.05	183.18	183.08	183.03	182.92	182.87	182.92	182.86	30
31	182.79		182.78		183.00		183.07	183.00		182.95		182.84	31
MEAN	182.90	182.85	182.86	---	183.00	---	183.12	183.08	183.03	182.99	182.98	182.90	MEAN
MAX	183.00	182.93	182.91	---	183.06	---	183.16	183.14	183.12	183.21	183.10	182.97	MAX
MIN	182.79	182.77	182.78	---	182.89	---	183.06	183.00	182.92	182.87	182.86	182.80	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 183.21 ON OCT 18

MAXIMUM INSTANTANEOUS,
183.49 AT 13:55 EST ON OCT 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 31 46 N
LONG 84 35 08 W

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 10920 GROS CAP, ONT

LAKE SUPERIOR AT MICHIPICOTEN HARBOUR - STATION NO. 02BD004

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	182.93	182.83	182.85	182.88	182.95	182.96	183.09	183.06	183.07	182.89	182.94	182.86	1
2	182.88	182.82	182.83	182.82	182.91	182.96	183.08	183.07	183.02	182.93	182.95	182.92	2
3	182.89	182.82	182.79	182.82	182.92	183.00	183.08	183.06	183.00	182.91	182.94	182.88	3
4	182.90	182.83	182.80	182.84	182.96	183.00	183.11	183.08	183.00	182.89	182.93	182.90	4
5	182.90	182.83	182.81	182.93	182.99	182.99	183.11	183.06	182.98	182.92	182.96	182.89	5
6	182.90	182.82	182.82	182.87	182.99	183.03	183.11	183.04	182.97	182.98	182.96	182.87	6
7	182.88	182.77	182.82	182.87	182.97	182.98	183.10	183.07	183.00	182.96	182.93	182.89	7
8	182.87	182.81	182.81	182.88	182.95	183.03	183.10	183.08	183.03	182.92	182.98	182.89	8
9	182.89	182.82	182.81	182.89	182.99	183.02	183.13	183.07	182.98	182.89	182.94	182.89	9
10	182.86	182.79	182.81	182.88	182.97	183.02	183.11	183.09	182.99	182.90	182.97	182.88	10
11	182.87	182.82	182.81	182.90	182.99	183.01	183.11	183.08	183.01	182.91	182.92	182.87	11
12	182.85	182.77	182.84	182.87	183.00	183.01	183.10	183.08	183.01	182.89	182.92	182.86	12
13	182.85	182.76	182.82	182.90	183.00	182.98	183.12	183.05	183.00	182.88	182.91	182.89	13
14	182.85	182.74	182.83	182.97	182.98	183.01	183.11	183.08	183.01	182.93	182.89	182.87	14
15	182.81	182.74	182.80	182.91	182.99	183.05	183.10	183.11	183.00	182.97	182.89	182.86	15
16	182.84	182.76	182.83	182.91	182.97	183.06	183.10	183.08	182.97	182.93	182.90	182.86	16
17	182.87	182.76	182.83	182.93	182.97	183.03	183.09	183.06	182.97	182.90	182.95	182.86	17
18	182.86	182.76	182.80	182.92	182.98	183.07	183.10	183.06	182.99	183.04	182.94	182.86	18
19	182.82	182.77	182.81	182.93	182.97	183.07	183.09	183.05	182.98	182.97	182.90	182.86	19
20	182.81	182.77	182.81	182.91	182.96	183.04	183.09	183.04	182.96	182.97	182.91	182.86	20
21	182.88	182.76	182.79	182.89	182.96	183.07	183.11	183.04	182.93	182.95	182.92	182.86	21
22	182.87	182.74	182.78	182.86	182.94	183.08	183.08	183.03	182.93	182.96	182.91	182.84	22
23	182.84	182.79	182.79	182.90	182.94	183.07	183.07	183.06	182.91	182.98	182.88	182.88	23
24	182.80	182.84	182.79	182.98	182.94	183.07	183.06	183.03	182.91	182.95	182.88	182.91	24
25	182.79	182.82	182.75	182.96	183.00	183.11	183.15	183.01	182.89	182.99	182.88	182.85	25
26	182.85	182.79	182.77	182.94	183.03	183.08	183.16	183.02	182.89	182.93	182.84	182.79	26
27	182.83	182.76	182.77	182.96	183.03	183.05	183.14	183.01	183.05	182.95	182.99	182.81	27
28	182.82	182.84	182.77	182.96	183.02	183.05	183.14	182.99	182.97	182.92	182.94	182.88	28
29	182.83		182.80	182.96	183.03	183.11	183.13	183.00	182.91	182.90	182.91	182.84	29
30	182.82		182.80	183.02	183.00	183.10	183.12	183.02	182.87	182.88	182.90	182.83	30
31	182.81		182.78		182.97		183.12	183.00		182.94		182.83	31
MEAN	182.85	182.79	182.80	182.91	182.98	183.04	183.11	183.05	182.97	182.93	182.92	182.87	MEAN
MAX	182.93	182.84	182.85	183.02	183.03	183.11	183.16	183.11	183.07	183.04	182.99	182.92	MAX
MIN	182.79	182.74	182.75	182.82	182.91	182.96	183.06	182.99	182.87	182.88	182.84	182.79	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 182.94
MAXIMUM DAILY, 183.16 ON JUL 26
MINIMUM DAILY, 182.74 ON FEB 14
MAXIMUM INSTANTANEOUS,
183.33 AT 14:40 EST ON SEP 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 57 44 N
LONG 84 54 02 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 10750 MICHIPICOTEN, ONT

LAKE SUPERIOR AT ROSSPORT - STATION NO. 02BA004

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	182.85	182.76	182.80	182.80	182.89	182.99	83.06	183.06	183.00	182.84	182.93	182.85	1
2	182.84	182.76	182.77	182.78	182.91	183.00	183.06	183.05	182.99	182.90	182.92	182.86	2
3	182.84	182.77	182.77	182.76	182.91	183.02	183.07	183.05	183.00	182.89	182.93	182.85	3
4	182.84	182.78	182.77	182.76	182.91	182.99	183.07	183.06	182.96	182.89	182.92	182.86	4
5	182.88	182.79	182.77	182.80	182.92	183.00	183.06	183.06	182.98	182.91	182.92	182.86	5
6	182.82	182.76	182.77	182.83	182.95	182.99	183.07	183.05	182.98	182.90	182.90	182.87	6
7	182.83	182.72	182.78	182.85	182.95	182.98	183.07	183.06	183.00	182.90	182.92	182.84	7
8	182.84	182.74	182.78	182.84	182.95	183.00	183.07	183.07	182.97	182.89	182.90	182.82	8
9	182.82	182.77	182.78	182.84	182.93	183.01	183.08	183.07	182.98	182.89	182.91	182.83	9
10	182.82	182.75	182.77	182.86	182.93	183.01	183.08	183.06	182.96	182.88	182.92	182.82	10
11	182.82	182.74	182.80	182.84	182.93	183.00	183.06	183.07	182.98	182.87	182.89	182.83	11
12	182.83	182.75	182.76	182.83	182.94	183.00	183.07	183.06	182.99	182.89	182.91	182.85	12
13	182.81	182.75	182.76	182.85	182.94	182.97	183.06	183.04	182.97	182.90	182.91	182.84	13
14	182.82	182.73	182.80	182.83	182.94	182.99	183.05	183.06	182.96	182.92	182.90	182.82	14
15	182.78	182.76	182.73	182.87	182.93	183.03	183.05	183.03	182.95	182.92	182.89	182.82	15
16	182.81	182.78	---	182.88	182.91	183.03	183.05	183.04	182.93	182.92	182.89	182.81	16
17	182.83	182.77	182.75	182.88	182.92	183.03	183.04	183.04	182.94	182.93	182.90	182.81	17
18	182.83	182.77	182.75	182.91	182.94	183.06	183.05	183.04	182.97	182.88	182.87	182.80	18
19	182.81	182.77	182.75	182.92	182.94	183.03	183.05	183.03	182.92	182.95	182.85	182.81	19
20	182.81	182.75	182.75	182.86	182.95	183.01	183.03	183.02	182.91	182.91	182.84	182.84	20
21	182.84	182.74	182.75	182.89	182.94	183.02	183.05	183.02	182.90	182.93	182.86	182.85	21
22	182.81	182.74	---	182.89	182.93	183.02	183.05	183.02	182.90	182.93	182.86	182.82	22
23	182.81	182.75	182.75	182.85	182.92	183.03	183.04	183.03	182.90	182.92	182.86	182.82	23
24	182.79	182.80	182.75	182.88	182.92	183.02	183.05	183.01	182.91	182.95	182.87	182.83	24
25	182.80	182.78	182.74	182.89	182.94	183.05	183.05	183.02	182.89	182.95	182.87	182.80	25
26	182.77	182.77	182.75	182.89	182.94	183.04	183.05	183.02	182.92	182.93	182.87	182.80	26
27	182.79	182.77	182.75	182.89	182.95	183.04	183.04	183.00	182.94	182.92	182.88	182.81	27
28	182.78	182.79	182.76	182.90	182.94	183.05	183.04	183.00	182.89	182.90	182.87	182.81	28
29	182.78		182.76	182.90	182.94	183.07	183.04	183.00	182.87	182.91	182.88	182.80	29
30	182.80		182.77	182.89	182.95	183.06	183.04	183.00	182.84	182.92	182.88	182.79	30
31	182.81		182.77		182.95		183.05	182.99		182.94		182.79	31
MEAN	182.82	182.76	---	182.86	182.93	183.02	183.05	183.04	182.94	182.91	182.89	182.83	MEAN
MAX	182.88	182.80	---	182.92	182.95	183.07	183.08	183.07	183.00	182.95	182.93	182.87	MAX
MIN	182.77	182.72	---	182.76	182.89	182.97	183.03	182.99	182.84	182.84	182.84	182.79	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 183.08 ON JUL 9
MINIMUM DAILY, 182.72 ON FEB 7
MAXIMUM INSTANTANEOUS,
183.22 AT 04:10 EST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 50 02 N
LONG 87 31 10 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 10220 ROSSPORT, ONT

LAKE SUPERIOR AT THUNDER BAY - STATION NO. 02AB018

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	182.89	182.82	182.85	182.87	182.97	183.03	183.14	183.13	183.08	183.00	183.02	182.93	1
2	182.90	182.82	182.84	182.87	182.99	183.04	183.15	183.13	183.10	182.99	183.00	182.92	2
3	182.89	182.83	182.86	182.87	183.01	183.04	183.15	183.12	183.10	183.01	183.01	182.94	3
4	182.89	182.84	182.84	182.85	182.98	183.06	183.14	183.12	183.08	183.02	183.00	182.93	4
5	182.94	182.85	182.84	182.88	182.99	183.07	183.15	183.13	183.08	183.01	182.98	182.93	5
6	182.88	182.84	182.83	182.92	183.02	183.06	183.15	183.14	183.09	182.97	182.96	182.96	6
7	182.88	182.82	182.84	182.93	183.03	183.07	183.16	183.13	183.08	182.99	183.00	182.90	7
8	182.90	182.82	182.85	182.91	183.04	183.07	183.15	183.12	183.05	183.00	182.94	182.90	8
9	182.87	182.84	182.85	182.93	183.00	183.07	183.13	183.12	183.09	183.02	182.97	182.88	9
10	182.87	182.81	182.84	182.94	183.01	183.07	183.14	183.12	183.08	183.02	182.96	182.88	10
11	182.88	182.80	182.86	182.91	183.00	183.08	183.14	183.13	183.08	183.01	182.97	182.90	11
12	182.90	182.83	182.83	182.93	183.01	183.08	183.14	183.12	183.08	183.02	183.00	182.92	12
13	182.89	182.83	182.83	182.94	183.01	183.08	183.12	183.13	183.06	183.03	183.00	182.90	13
14	182.88	182.84	182.84	182.89	183.01	183.09	183.13	183.13	183.05	183.02	182.99	182.89	14
15	182.86	182.86	182.81	182.96	183.00	183.12	183.13	183.08	183.03	183.01	182.98	182.88	15
16	182.87	182.85	182.82	182.96	183.00	183.11	183.13	183.10	183.03	183.04	182.98	182.87	16
17	182.89	182.84	182.79	182.94	183.01	183.13	183.13	183.11	183.04	183.05	182.95	182.85	17
18	182.87	182.84	182.81	182.95	183.01	183.12	183.13	183.10	183.05	182.93	182.93	182.85	18
19	182.88	182.84	182.80	182.92	183.02	183.11	183.14	183.10	183.00	183.04	182.93	182.87	19
20	182.88	182.83	182.80	182.93	183.02	183.11	183.11	183.10	183.02	183.01	182.91	182.92	20
21	182.88	182.84	182.82	182.96	183.02	183.11	183.12	183.10	183.01	183.03	182.92	182.90	21
22	182.86	182.83	182.83	182.96	183.01	183.10	183.12	183.11	183.01	183.03	182.93	182.88	22
23	182.86	182.83	182.81	182.94	183.02	183.11	183.12	183.09	183.02	183.00	182.94	182.88	23
24	182.87	182.85	182.81	182.94	183.02	183.12	183.15	183.10	183.01	183.06	182.94	182.85	24
25	182.89	182.84	182.83	182.96	183.02	183.12	183.12	183.09	183.02	183.02	182.95	182.86	25
26	182.83	182.85	182.81	182.97	183.02	183.12	183.11	183.08	183.04	183.04	182.97	182.88	26
27	182.86	182.86	182.82	182.96	183.03	183.13	183.12	183.08	182.96	183.01	182.90	182.89	27
28	182.85	182.84	182.85	182.96	183.03	183.15	183.12	183.09	182.97	183.02	182.92	182.84	28
29	182.85		182.83	182.97	183.02	183.13	183.13	183.11	182.99	183.05	182.94	182.86	29
30	182.86		182.84	182.96	183.02	183.13	183.12	183.10	183.00	183.06	182.95	182.86	30
31	182.88		182.86		183.04		183.14	183.12		183.04		182.84	31
MEAN	182.88	182.84	182.83	182.93	183.01	183.09	183.13	183.11	183.04	183.02	182.96	182.89	MEAN
MAX	182.94	182.86	182.86	182.97	183.04	183.15	183.16	183.14	183.10	183.06	183.02	182.96	MAX
MIN	182.83	182.80	182.79	182.85	182.97	183.03	183.11	183.08	182.96	182.93	182.90	182.84	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 182.98
MAXIMUM DAILY, 183.16 ON JUL 7
MINIMUM DAILY, 182.79 ON MAR 17
MAXIMUM INSTANTANEOUS,
183.28 AT 21:30 EST ON JUN 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 24 34 N
LONG 89 13 01 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 10050 THUNDER BAY, ONT

LAUREL CREEK AT WATERLOO - STATION NO. 02GA024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.111B	0.145B	1.82 E	0.455E	0.133	0.089	0.249	0.020	0.366	1.03	1.67	0.491	1
2	0.110B	0.135B	1.59 E	0.165	0.104	0.039	0.076	0.039	0.616	0.422	1.58	0.666	2
3	0.108B	0.126B	1.65 E	0.147	0.094	0.144	0.073	0.202	0.743	0.423	1.51	0.598	3
4	0.106B	0.118B	1.42 E	0.217	0.308	0.104	0.222	0.369	2.87	0.226	1.41	0.443	4
5	0.105B	0.112B	1.31	0.134	0.206	0.101	0.170	0.248	1.46	0.182	1.21	0.353	5
6	0.104B	0.107B	1.15	0.115	0.126	0.086	0.089	0.080	0.994	0.597	1.02	0.317	6
7	0.103B	0.105B	0.853	0.089	0.094	0.069	0.079	0.070	0.693	0.349	0.608	0.296	7
8	0.102B	0.102B	0.616	0.160	0.090	0.069	0.063	0.192	0.705	0.344	0.374	0.313	8
9	0.101B	0.098B	0.218	0.179	0.092	0.083	0.060	0.099	0.277	0.305	0.300	0.251	9
10	0.101B	0.096B	0.245	0.156	0.461	0.081	0.049	0.117	0.200	0.266	0.276	0.327	10
11	0.101B	0.400B	0.318	0.259	0.505	0.060	0.041	0.157	0.149	0.253	0.260	0.230B	11
12	0.101B	0.380B	0.285B	0.164	0.266	0.052	0.035	0.110	0.119	0.240	0.253	0.190B	12
13	0.100B	0.360B	0.255B	0.135	0.300	0.304	0.039	0.098	0.141	0.206	0.288	0.175B	13
14	0.102B	0.350B	0.240B	0.809	0.384	0.229	0.039	0.092	0.128	0.189	0.235	0.169B	14
15	0.105B	0.330B	0.228B	0.085	0.480	0.109	0.039	0.444	0.117	0.280	0.232	0.178B	15
16	0.102B	0.610B	0.240B	0.071	0.370	0.196	0.039	0.144	0.102	0.207	0.329	0.160B	16
17	0.101B	0.140B	0.183B	0.268	0.320	0.134	0.038	0.122	0.142	0.211	0.300	0.142B	17
18	0.100B	4.05 E	0.175B	0.232	0.279	0.101	0.059	0.102	0.103	0.724	0.296	0.133B	18
19	0.100B	3.60 E	0.170B	0.066	0.229	0.088	0.206	0.083	0.101	0.430	0.272	0.124B	19
20	0.101B	2.70 E	0.165B	0.076	0.241	0.077	0.125	0.074	0.122	0.611	1.11	0.118B	20
21	0.101B	2.10 E	0.183	0.042	0.235	0.376	0.045	0.061	0.390	0.420	0.810	0.117B	21
22	0.100B	1.70 E	0.226	0.048	0.148	0.922	0.040	0.110	0.278	1.04	0.702	0.116B	22
23	0.099B	3.10 E	0.237	0.331	0.037	0.297	0.038	0.051	0.174	1.00	0.508	0.115B	23
24	0.098B	2.18 A	0.270	0.207	0.044	0.288	0.037	0.108	0.162	0.964	0.350	0.138B	24
25	0.108B	1.85 E	0.280	0.141	0.123	0.263	0.034	0.053	0.169	0.914	0.282	0.138B	25
26	0.130B	1.75 E	0.321A	0.124	0.205	0.197	0.057	0.049	0.240	1.08	0.362	0.136B	26
27	0.118B	1.71 E	0.290E	0.116	0.217	0.152	0.042	0.047	0.205	2.46	0.474	0.132B	27
28	0.110B	2.14 E	0.200E	0.662	0.256	0.117	1.03	0.493	0.185	2.25	0.461	0.126B	28
29	0.102B		0.170E	0.252	0.167	0.112	0.284	0.496	0.145	1.90	0.412	0.122B	29
30	0.100B		1.02 E	0.173	0.167	0.106	0.021	1.17	0.134	1.80	0.332	0.118B	30
31	0.103B		0.500E		0.140		0.021	0.629		1.75		0.116B	31
TOTAL	3.233	30.594	16.828	6.078	6.821	5.045	3.439	6.129	12.230	23.073	18.226	7.048	TOTAL
MEAN	0.104	1.09	0.543	0.203	0.220	0.168	0.111	0.198	0.408	0.744	0.608	0.227	MEAN
MAX	0.130	4.05	1.82	0.809	0.505	0.922	1.03	1.17	2.87	2.46	1.67	0.666	MAX
MIN	0.098	0.096	0.165	0.042	0.037	0.039	0.021	0.020	0.101	0.182	0.232	0.115	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.380
MAXIMUM DAILY, 4.05E ON FEB 18
MINIMUM DAILY, 0.020 ON AUG 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 28 08 N
LONG 80 31 08 W
DRAINAGE AREA, 59.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	279	JUL	297
FEB	2 640	AUG	530
MAR	1 450	SEP	1 060
APR	525	OCT	1 990
MAY	589	NOV	1 570
JUN	436	DEC	609

TOTAL DISCHARGE, 12 000 dam³

LITTLE CASTOR RIVER NEAR EMBRUN - STATION NO. 02LB016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.135B	0.100B	2.44	1.97	0.495	0.279	0.286	0.092	0.177	0.767	1.31	0.699B	1
2	0.120B	0.150B	2.53	3.11	0.425	0.236	0.327	0.083	0.168	0.717	1.08	0.639	2
3	0.110B	0.135B	1.39	1.51	0.388	0.219	0.291	0.088	0.164	0.725	0.928	0.615	3
4	0.095B	0.125B	1.00	2.08	0.361	4.14	12.2	0.092	0.158	0.669	0.818	0.648	4
5	0.090B	0.115B	0.859	2.74	0.349	2.66	13.0	2.78	0.162	0.571	0.713	0.649	5
6	0.085B	0.105B	0.773	1.50	0.345	1.11	2.59	1.96	0.159	0.566	0.820	0.525B	6
7	0.083B	0.095B	0.717	0.917	0.325	0.933	0.961	0.523	0.150	1.80	1.67	0.636B	7
8	0.081B	0.085B	0.740	0.713	0.308	0.532	0.507	0.299	0.362	2.25	1.63	0.494B	8
9	0.079B	0.075B	0.789	0.827	0.296	0.914	0.358	0.288	1.38	1.28	2.10	0.413	9
10	0.077B	0.065B	0.780	1.07	0.292	0.755	0.311	0.441	4.58	0.852	1.38	0.354	10
11	0.075B	0.270B	0.760	0.838	0.454	0.444	0.279	1.13	6.65	0.681	1.01	0.381	11
12	0.073B	0.820B	0.679	0.715	1.21	0.324	0.224	3.18	3.25	0.560	0.872	0.360	12
13	0.072B	1.30 B	0.706	0.547	1.59	0.310	0.223	1.49	2.24	0.496	0.766B	0.335	13
14	0.071B	1.10 B	0.599	0.554	1.03	0.254	0.233	0.566	1.16	0.455	0.678	0.327	14
15	0.070B	0.840B	0.634	0.542	0.787	0.250	0.175	2.68	0.712	0.437	0.646	0.328	15
16	0.069B	0.800B	0.701	0.499	2.56	0.249	0.152	9.22	0.529	0.421	0.649	0.323	16
17	0.068B	2.55 B	0.533	0.476	2.58	0.246	0.130	5.02	0.426	0.389	0.730	0.223	17
18	0.067B	11.5 B	0.432	0.569	1.19	0.218	0.123	2.77	0.381	0.434	1.22	0.285	18
19	0.066B	13.9 B	0.402	0.578	0.842	0.187	0.102	1.37	0.353	0.587	2.44	0.213	19
20	0.065B	20.9 B	0.389	0.483	0.631	0.167	0.142	0.694	0.332	0.523	2.29	0.190	20
21	0.068B	26.5 B	0.389	0.396	0.500	0.160	1.18	0.515	0.297	0.463	5.51	0.178	21
22	0.063B	14.3 B	0.397	0.374	0.436	8.16	0.670	0.435	0.285	0.479	4.33	0.180B	22
23	0.062B	9.60 B	0.418	0.350	0.377	8.15	0.357	0.348	2.14	3.26	2.27	0.178B	23
24	0.061B	12.5 B	0.449	0.401	0.314	2.52	0.236	0.295	7.36	3.44	1.31	0.178B	24
25	0.060B	8.50 B	0.462	0.520	0.263	1.22	0.188	0.262	3.31	1.83	0.924	0.175B	25
26	0.068B	6.72 B	0.473	0.532	0.251	0.827	0.154	0.216	1.87	3.09	0.809B	0.175B	26
27	0.085B	3.84	0.566	0.451	0.230	0.666	0.132	0.198	3.58	7.69	0.870	0.173B	27
28	0.080B	2.18	0.548	0.387	0.280	0.490	0.123	0.172	3.88	11.9	1.58	0.170B	28
29	0.075B		0.538	0.430	0.375	0.354	0.127	0.173	1.93	4.21	1.13 B	0.167B	29
30	0.072B		0.981	0.590	0.363	0.290	0.119	0.182	1.04	2.59	0.866B	0.165B	30
31	0.070B		2.65		0.341		0.111	0.189		1.81		0.162B	31
TOTAL	2.411	139.170	25.724	26.669	20.188	37.264	36.011	37.711	49.185	55.932	43.349	10.538	TOTAL
MEAN	0.078	4.97	0.830	0.889	0.651	1.24	1.16	1.22	1.64	1.80	1.44	0.340	MEAN
MAX	0.135	26.5	2.65	3.11	2.58	8.16	13.0	9.22	7.36	11.9	5.51	0.699	MAX
MIN	0.060	0.065	0.389	0.350	0.230	0.160	0.102	0.083	0.150	0.389	0.646	0.162	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.33
MAXIMUM DAILY, 26.5B ON FEB 21
MINIMUM DAILY, 0.060B ON JAN 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 16 17 N
LONG 75 13 06 W
DRAINAGE AREA, 76.1 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	208	JUL	3 110
FEB	12 000	AUG	3 260
MAR	2 220	SEP	4 250
APR	2 300	OCT	4 830
MAY	1 740	NOV	3 750
JUN	3 220	DEC	910

TOTAL DISCHARGE, 41 800 dam³

LITTLE CURRENT RIVER AT PERCY LAKE - STATION NO. 04JF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.2B	17.0B	16.7B	15.0B	35.9	86.7	72.8	30.9	15.9	8.65	6.85	6.17B	1
2	24.9B	16.9B	16.8B	15.0B	38.3	87.4	72.9	29.8	15.7	8.57	6.76	6.17B	2
3	24.6B	16.8B	16.9B	15.0B	40.7	88.1	72.2	29.0	15.2	8.58	6.76	6.17B	3
4	24.1B	16.6B	17.0B	15.0B	43.4	88.9	71.3	28.3	14.6	8.51	6.60	6.17B	4
5	23.8B	16.4B	17.0B	15.0B	46.8	89.2	70.0	27.5	14.3	8.36	6.69	6.17B	5
6	23.4B	16.2B	17.0B	15.0B	50.1	89.3	68.6	26.8	14.0	8.37	6.54	6.17B	6
7	23.1B	16.0B	17.0B	15.0B	53.6	89.2	67.4	26.1	13.7	8.31	6.49	6.17B	7
8	22.8B	15.8B	16.9B	15.0B	57.9	90.6	65.1	25.6	13.6	8.16	6.70	6.17B	8
9	22.6B	15.7B	16.8B	15.1B	63.2	92.3	63.2	25.5	13.1	8.04	6.41	6.14	9
10	22.1B	15.5B	16.8B	15.2B	67.6	93.1	60.5	25.4	13.0	7.98	6.22	6.14	10
11	21.8B	15.4B	16.7B	15.4B	71.9	93.1	58.1	25.3	12.9	7.97	6.21	6.13	11
12	21.5B	15.3B	16.6B	15.7B	75.4	92.6	56.7	24.8	12.9	7.87	6.25	6.09	12
13	21.1B	15.2B	16.5B	16.0B	78.9	91.7	55.2	24.4	12.4	7.81	6.22	6.09	13
14	20.9B	15.0B	16.4B	16.5B	81.7	91.2	53.6	24.1	12.1	7.72	6.28	6.15B	14
15	20.6B	14.9B	16.3B	16.9B	84.3	90.5	51.9	23.4	11.8	7.71	6.27	6.20B	15
16	20.2B	14.8B	16.2B	17.3B	85.9	90.5	50.3	22.9	11.7	7.59	6.27	6.30B	16
17	20.0B	14.7B	16.0B	18.0B	87.2	88.3	48.7	22.3	11.5	7.54	6.22B	6.40B	17
18	19.8B	14.7B	15.9B	18.7B	88.2	88.3	47.7	21.8	11.3	7.87	6.20B	6.55B	18
19	19.4B	14.7B	15.7B	19.4B	87.9	88.0	46.2	21.4	10.9	7.70	6.20B	6.65B	19
20	19.1B	14.7B	15.6B	20.2B	87.2	85.9	43.9	20.8	10.7	7.53	6.20B	6.80B	20
21	18.9B	14.8B	15.5B	21.2B	86.9	84.9	43.0	20.4	10.4	7.50	6.43	6.90B	21
22	18.7B	14.9B	15.4B	22.3B	86.3	83.4	41.6	20.0	10.3	7.30	6.45	6.98B	22
23	18.5B	15.0B	15.3B	23.3B	84.4	82.0	40.1	19.3	10.1	7.27	6.47	7.02B	23
24	18.3B	15.2B	15.3B	24.8B	82.7	77.8	38.8	18.8	9.90	7.18	6.50	7.10B	24
25	18.1B	15.5B	15.2B	26.0B	84.0	76.1	37.6	18.4	9.65	7.16	6.57	7.30B	25
26	17.9B	15.8B	15.1B	27.4B	84.5	74.2	36.6	17.9	9.47	7.06	6.18B	7.40B	26
27	17.8B	16.0B	15.1B	28.8B	84.2	71.7	35.4	17.5	9.67	7.02	6.17B	7.45B	27
28	17.7B	16.2B	15.0B	29.7	83.1	69.6	34.5	17.1	9.53	6.96	6.17B	7.55B	28
29	17.4B		15.0B	31.6	82.5	69.1	33.7	16.7	9.11	6.95	6.17B	7.60B	29
30	17.2B		15.0B	33.7	83.5	71.2	32.6	16.3	8.82	6.91	6.17B	7.65B	30
31	17.1B		15.0B		85.3		31.8	15.9		6.99		7.70B	31
TOTAL	638.6	435.7	497.7	593.2	2 253.5	2 554.9	1 602.0	704.4	358.25	239.14	191.62	205.65	TOTAL
MEAN	20.6	15.6	16.1	19.8	72.7	85.2	51.7	22.7	11.9	7.71	6.39	6.63	MEAN
MAX	25.2	17.0	17.0	33.7	88.2	93.1	72.9	30.9	15.9	8.65	6.85	7.70	MAX
MIN	17.1	14.7	15.0	15.0	35.9	69.1	31.8	15.9	8.82	6.91	6.17	6.09	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.1
MAXIMUM DAILY, 93.1 ON JUN 10
MINIMUM DAILY, 6.09 ON DEC 12
MAXIMUM INSTANTANEOUS,
94.1 AT 18:13 EST ON MAY 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 39 30 N
LONG 86 31 55 W
DRAINAGE AREA, 5 360 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	55 200	JUL	138 000
FEB	37 600	AUG	60 900
MAR	43 000	SEP	31 000
APR	51 300	OCT	20 700
MAY	195 000	NOV	16 600
JUN	221 000	DEC	17 800

TOTAL DISCHARGE, 888 000 dam³

LITTLE DON RIVER AT DON MILLS - STATION NO. 02HC029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.650B	1.41	1.62	1.24	0.729	0.691	1.47	0.686	0.876	3.08	1.11	1.21	1
2	0.640B	2.84	1.41	1.01	0.684	0.666	0.714	0.665	8.20	1.10	1.01	1.31	2
3	0.580B	0.741	1.14	0.896	0.694	4.00	0.683	0.923	2.45	0.844	0.923	0.945	3
4	0.580B	0.680B	1.05	0.937	0.677	1.97	0.966	3.07	15.8	0.799	0.901	0.861	4
5	0.595B	0.650B	1.02	0.906	1.53	0.858	1.69	2.66	11.4	0.819	0.902	0.799	5
6	0.630B	0.660B	1.02	0.818	1.26	0.746	0.742	0.876	2.35	7.50	1.28	0.779	6
7	0.630B	0.680B	0.934	0.791	0.720	0.627	0.676	0.760	2.16	1.77	1.00	0.757	7
8	0.600B	0.680B	0.909	0.800	0.659	0.634	0.570	1.33	1.35	1.19	0.846	1.07	8
9	0.590B	0.650B	0.943	0.914	0.676	0.700	0.563	0.922	1.25	0.926	0.795	0.740	9
10	0.575B	0.670B	1.22	0.736	1.34	2.23	0.553	1.04	1.02	0.867	0.754	0.682	10
11	0.565B	22.7	1.08	0.775	13.9	0.968	0.549	5.81	0.926	0.818	0.787	0.748	11
12	0.555B	2.72	0.929	0.705	2.88	0.671	0.551	2.67	0.854	0.790	0.714	0.721	12
13	0.555B	1.75	0.939	0.685	1.37	0.665	0.586	0.981	0.810	0.795	0.672	0.712	13
14	0.555B	1.62	0.839	5.57	1.56	0.797	0.591	0.818	0.820	0.811	0.670	0.726	14
15	0.565B	1.44	0.901	1.11	1.39	0.651	0.566	9.50	0.786	1.86	0.727	0.744	15
16	0.580B	4.34	0.865	0.875	1.10	3.08	0.579	1.94	0.734	0.887	5.54	0.743	16
17	0.575B	12.2	0.821	1.85	0.886	1.52	0.628	1.02	1.47	0.799	2.20	0.653	17
18	0.565B	17.6	0.756	0.895	0.782	0.714	0.834	0.836	0.810	8.42	1.22	0.637	18
19	0.565B	10.9	0.813	0.773	0.777	0.664	4.00	0.757	0.955	1.49	1.46	0.603	19
20	0.605B	17.1	0.865	0.769	0.747	0.682	3.11	0.687	0.926	1.04	6.84	0.666	20
21	0.600B	7.31	0.762	0.739	0.742	1.47	1.04	0.687	2.80	2.57	3.63	0.725	21
22	0.600B	3.69	0.758	0.737	0.740	5.79	0.825	0.645	2.27	6.58	1.56	0.954	22
23	0.601B	6.44	0.783	1.60	0.710	1.18	0.721	0.666	0.846	5.04	1.22	2.79	23
24	0.610B	4.67	0.860	1.35	0.662	0.843	0.686	0.826	0.759	2.24	1.04	1.09	24
25	0.723	3.03	0.850	0.873	0.730	0.750	0.645	0.661	0.729	1.39	0.898	0.692	25
26	1.86	1.96	0.824	0.784	1.31	0.665	0.645	0.664	1.49	2.83	1.34	0.734	26
27	1.29	1.55	0.867	0.736	1.50	0.632	0.669	0.687	0.941	10.3	3.18	0.794	27
28	0.790	2.62	0.735	0.741	2.80	0.609	6.66	4.71	0.760	5.06	1.22	0.867	28
29	0.684		0.771	1.21	0.887	0.589	3.46	1.25	0.758	1.90	0.952	0.777	29
30	0.620B		3.71	0.740	1.28	0.636	1.00	3.64	0.746	1.42	0.876	0.659	30
31	0.720B		1.53		0.761		0.784	1.23		1.21		0.714	31
TOTAL	20.853	133.301	32.524	32.565	46.483	36.698	37.756	53.617	68.046	77.145	46.267	26.902	TOTAL
MEAN	0.673	4.76	1.05	1.09	1.50	1.22	1.22	1.73	2.27	2.49	1.54	0.868	MEAN
MAX	1.86	22.7	3.71	5.57	13.9	5.79	6.66	9.50	15.8	10.3	6.84	2.79	MAX
MIN	0.555	0.650	0.735	0.685	0.659	0.589	0.549	0.645	0.729	0.790	0.670	0.603	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.68
MAXIMUM DAILY, 22.7 ON FEB 11
MINIMUM DAILY, 0.549 ON JUL 11
MAXIMUM INSTANTANEOUS,
48.5 AT 09:36 EST ON FEB 11

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 45 27 N
LONG 79 20 42 W
DRAINAGE AREA, 130 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 800	JUL	3 260
FEB	11 500	AUG	4 630
MAR	2 810	SEP	5 880
APR	2 810	OCT	6 670
MAY	4 020	NOV	4 000
JUN	3 170	DEC	2 320

TOTAL DISCHARGE, 52 900 dam³

LITTLE FRENCH RIVER AT FREEFLOWING CHANNEL - STATION NO. 02DD018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.46	5.39	6.88	9.79	23.5	19.8	19.6	17.7	17.5	17.5	16.5	11.5	1
2	8.30	5.36	7.05	10.3	23.3	19.9	19.6	17.7	17.5	17.6	16.1	11.2	2
3	8.14	5.36	7.16	10.9	23.1	19.9	19.4	17.6	17.6	17.4	15.8	11.1	3
4	7.86	5.26	7.28	11.6	23.0	20.1	19.4	17.9	17.7	17.2	15.7	10.9	4
5	7.77	5.21	7.33	12.5	22.9	20.1	19.4	18.2	18.2	17.2	15.4	10.9	5
6	7.80	5.18	7.36	13.6	22.9	20.0	19.6	18.2	18.3	17.3	15.2	10.8	6
7	7.65	5.18	7.42	14.1	22.3	19.9	19.5	18.1	18.4	17.8	15.1	10.7	7
8	7.53	5.13	7.45	14.9	22.2	19.7	19.3	18.1	18.6	17.8	14.8	10.7	8
9	7.39	5.11	7.48	16.0	22.0	19.6	19.4	18.2	18.3	17.9	14.6	10.6	9
10	7.28	5.08	7.50	16.8	21.7	19.6	19.2	18.0	18.8	18.0	14.2	10.5	10
11	7.19	5.03	7.50	17.5	21.8	19.4	19.1	18.0	18.7	18.1	14.2	10.3	11
12	7.11	5.00	7.59	18.2	21.7	19.4	18.9	17.8	18.9	17.9	13.9	10.3	12
13	6.99	4.95	7.68	18.8	21.8	19.3	19.1	18.0	19.0	18.0	13.6	10.3	13
14	6.88	4.95	7.77	19.7	21.9	19.4	18.9	17.9	19.3	17.8	13.5	10.2	14
15	6.77	4.93	7.80	20.3	21.9	19.5	18.7	17.8	19.3	17.8	13.3	10.1	15
16	6.63	4.93	7.80	20.7	22.2	19.6	18.6	17.9	19.1	17.7	13.1	9.89	16
17	6.57	4.86	7.83	21.2	21.8	19.9	18.5	17.7	19.1	17.6	13.0	9.82	17
18	6.46	4.84	7.83	21.8	21.5	19.7	18.6	17.6	18.7	17.5	12.9	9.62	18
19	6.37	4.79	7.86	22.0	21.3	19.7	18.5	17.5	18.4	18.1	12.8	9.58	19
20	6.26	4.84	7.93	22.4	21.1	19.5	18.4	17.4	18.4	17.9	13.0	9.51	20
21	6.17	4.95	7.89	22.8	20.7	19.4	18.5	17.3	18.4	18.2	12.7	9.48	21
22	6.09	5.05	7.93	23.0	20.6	19.5	18.4	17.3	18.4	18.1	12.4	9.23	22
23	6.00	5.23	7.93	22.9	20.3	19.4	18.2	17.2	18.2	18.0	12.2	9.14	23
24	5.97	5.59	7.96	23.3	20.0	19.4	18.1	17.3	17.9	18.0	12.1	9.02	24
25	5.95	5.79	8.02	23.3	19.8	19.4	18.0	17.2	17.7	17.7	11.8	8.89	25
26	5.82	6.03	8.08	23.3	19.6	19.6	18.2	17.1	17.8	17.8	11.8	8.77	26
27	5.74	6.34	8.14	23.3	19.7	19.6	18.1	17.0	17.6	17.5	11.2	8.67	27
28	5.62	6.65	8.30	23.2	19.8	19.5	18.0	17.0	17.9	17.4	11.7	8.55	28
29	5.51		8.39	23.5	19.7	19.4	17.9	17.2	17.5	17.1	11.5	8.42	29
30	5.44		8.74	23.5	20.1	19.8	17.9	17.5	17.4	16.8	11.4	8.27	30
31	5.44		9.30		19.9		17.9	17.5		16.6		8.18	31
TOTAL	209.16	147.01	241.18	565.19	664.1	589.0	580.9	546.9	548.6	547.3	405.5	305.14	TOTAL
MEAN	6.75	5.25	7.78	18.8	21.4	19.6	18.7	17.6	18.3	17.7	13.5	9.84	MEAN
MAX	8.46	6.65	9.30	23.5	23.5	20.1	19.6	18.2	19.3	18.2	16.5	11.5	MAX
MIN	5.44	4.79	6.88	9.79	19.6	19.3	17.9	17.0	17.4	16.6	11.2	8.18	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.7
MAXIMUM DAILY, 23.5 ON APR 29
MINIMUM DAILY, 4.79 ON FEB 19

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 08 31 N
LONG 80 06 52 W

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 100	JUL	50 200
FEB	12 700	AUG	47 300
MAR	20 800	SEP	47 400
APR	48 800	OCT	47 300
MAY	57 400	NOV	35 000
JUN	50 900	DEC	26 400

TOTAL DISCHARGE, 462 000 dam³

REMARKS - DISCHARGES SUMMED WITH THOSE AT 02DD016, 02DD017, 02DD019, TO GIVE FLOW FOR "FRENCH RIVER AT LAKE NIPISSING" NO. 02DD007

LITTLE FRENCH RIVER AT LITTLE CHAUDIERE DAM - STATION NO. 02DD019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.9	16.9	22.9	33.7	86.2	8.01E	6.85E	6.12E	5.87	6.03E	56.4E	34.5	1
2	28.3	16.8	23.5	35.4	85.8 E	8.02	6.82E	6.12E	5.89E	5.94	55.2E	34.0E	2
3	27.7	16.8	24.0	37.4	85.2 E	8.21E	6.83	6.12E	5.92E	5.92E	54.2	33.4E	3
4	26.7	16.5	24.4	39.9	85.0 E	8.38E	6.82E	6.13	5.94	5.89E	53.2E	32.7	4
5	26.4	16 3	24.7	43.3	84.2	8.57	6.85E	6.14E	6.00E	5.89E	52.1E	32.8E	5
6	26.5	16.1	24.8	47.0	84.4 E	8.52E	6.85E	6.17E	6.03E	5.87	51.4	32.6E	6
7	25.9	16.1	25.0	48.7	84.7 E	8.47E	6.86	6.20	6.09E	43.3	50.1E	32.6E	7
8	25.5	15.9	25.1	51.8	81.9	8.41E	6.85E	6.20E	6.13	61.9	49.0E	32.1	8
9	24.9	15.9	25.2	55.5	81.6 E	8.35	6.82E	6.17E	6.28	62.3	48.1E	31.4E	9
10	24.4	15.7	25.3	58.6	81.0 E	8.35E	6.83	6.14E	6.29E	62.3 E	47.0	30.3E	10
11	24.1	15.5	25.3	61.2	80.7 E	8.33E	6.82E	6.13	6.28	62.3 E	46.2E	29.4	11
12	23.8	15.5	25.7	63.4	80.2	8.31	6.80E	6.09E	6.31E	62.3 E	45.6E	29.4E	12
13	23.3	15.3	26.0	65.7	80.4 E	8.35E	6.77E	6.09E	6.31E	62.3	44.6	29.4E	13
14	22.9	15.3	26.4	69.1	80.4 E	8.38E	6.75	6.05	6.34E	62.0 E	43.9E	29.2E	14
15	22.4	15.1	26.5	71.1	80.6	8.41E	6.71E	6.03E	6.35	61.4 E	43.3E	29.1	15
16	21.8	15.1	26.5	72.5	80.1 E	8.40	6.63E	6.00E	6.37E	61.1	42.5E	34.0	16
17	21.6	14.9	26.6	74.2	79.6 E	7.99E	6.57	6.00E	6.40E	61.7 E	41.6	33.7	17
18	21.2	14.8	26.6	76.5	78.7 E	7.56E	6.54E	5.98	6.42	62.3 E	41.6E	33.1	18
19	20.8	14.6	26.7	77.0	78.3	7.12	6.54E	5.97E	6.43E	62.6 E	41.3E	32.8	19
20	20.4	14.8	26.9	78.2	77.3 E	7.14E	6.51E	5.95E	6.43E	63.3	41.2	32.8	20
21	20.0	15.3	26.8	79.6	76.2 E	7.11E	6.50	5.94	6.43E	63.1 E	40.2E	32.6	21
22	19.7	15.7	26.9	80.1	75.4	7.08E	6.46E	5.92E	6.42	63.1 E	39.4E	31.7	22
23	19.3	16.3	26.9	79.9	74.5 E	7.05	6.43E	5.89E	6.37E	63.3	38.2E	31.4	23
24	19.2	17.7	27.0	81.3	73.9 E	7.02E	6.39	5.86E	6.34E	63.1 E	37.2	30.9	24
25	19.1	18.5	27.3	81.3	73.1 E	6.97E	6.34E	5.83	6.28	62.9 E	36.2E	30.6	25
26	18.6	19.5	27.6	81.3	72.3	6.90	6.31E	5.78E	6.26E	62.9 E	35.4E	30.0	26
27	18.3	20.7	27.7	81.3	71.4 E	6.91E	6.26E	5.72E	6.26E	62.5	34.5	29.7	27
28	17.8	21.9	28.3	85.6	70.5 E	6.88E	6.20	5.65	6.23E	61.2 E	34.5E	29.2	28
29	17.4		28.6	85.8E	7.94	6.85E	6.17E	5.72E	6.20	60.0 E	34.5E	28.9	29
30	17.1		30.0	85.8E	7.96E	6.86	6.14E	5.78E	6.12E	58.6	34.5E	28.2	30
31	17.1		32.0		7.99E		6.13	5.83E		57.5 E		27.8	31
TOTAL	691.1	459.5	817.2	1 982.2	2 247.49	232.91	204.35	185.72	186.99	1 564.84	1 313.1	970.3	TOTAL
MEAN	22.3	16.4	26.4	66.1	72.5	7.76	6.59	5.99	6.23	50.5	43.8	31.3	MEAN
MAX	28.9	21.9	32.0	85.8	86.2	8.57	6.86	6.20	6.43	63.3	56.4	34.5	MAX
MIN	17.1	14.6	22.9	33.7	7.94	6.85	6.13	5.65	5.87	5.87	34.5	27.8	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 29.7
MAXIMUM DAILY, 86.2 ON MAY 1
MINIMUM DAILY, 5.65 ON AUG 28

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 08 40 N
LONG 80 07 41 W

E - ESTIMATED
REGULATED SINCE 1916

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	59 700	JUL	17 700
FEB	39 700	AUG	16 000
MAR	70 600	SEP	16 200
APR	171 000	OCT	135 000
MAY	194 000	NOV	113 000
JUN	20 100	DEC	83 800

TOTAL DISCHARGE, 937 000 dam³

REMARKS - DISCHARGES SUMMED WITH THOSE AT 02DD016, 02DD017, 02DD018, TO GIVE FLOW FOR "FRENCH RIVER AT LAKE NIPISSING" NO. 02DD007

LITTLE MAITLAND RIVER AT BLUEVALE - STATION NO. 02FE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.59B	1.33B	19.3	9.42	3.65	1.42	0.736	0.453	3.89 E	2.03E	4.86	6.50	1
2	1.56B	1.40B	14.8	7.28	3.08	1.40	0.702	0.377	3.82 E	2.86E	4.40	9.52	2
3	1.53B	1.48B	10.0 B	5.62	2.60	1.37	0.680	0.373	3.70 E	4.32E	4.39	11.2	3
4	1.49B	1.53B	8.78B	4.84	2.32	1.67	0.653	0.389	5.07 E	3.73E	3.74	9.57	4
5	1.45B	1.57B	8.23	4.37	2.12	1.71	0.655	0.391	10.6 E	2.92E	3.44	7.49	5
6	1.42B	1.56B	7.12	3.86	1.10	1.50	0.666	0.368	7.18 E	4.58E	3.59	5.92	6
7	1.40B	1.55B	6.29	3.40	0.442	1.34	0.635	0.342	4.64 E	9.85	3.89	5.07	7
8	1.38B	1.54B	5.74	3.09	1.95	1.23	0.625	0.371	3.38 A	10.7	3.57	4.96	8
9	1.34B	1.53B	6.31	3.14	1.93	1.19	0.569	0.562	2.40 A	8.09	3.17	2.99B	9
10	1.29B	1.58B	6.56	2.93	1.92	1.17	0.503	0.584	1.84 E	5.55	2.91	2.68B	10
11	1.27B	1.80B	6.45	2.70	9.28	0.775	0.442	0.467	1.65 E	4.01	2.77	2.49B	11
12	1.25B	2.62B	6.09	2.54	15.8	0.909	0.399	0.415	1.38 E	3.18	2.61	2.28B	12
13	1.22B	3.60B	6.46	2.42	11.1	0.994	0.384	0.347	1.22 E	2.82	2.43	2.17B	13
14	1.20B	3.79B	5.82	4.89	7.41	1.07	0.337	0.344	1.14 E	2.49	2.37	2.03B	14
15	1.18B	3.90B	5.24	7.30	6.08	1.13	0.320	0.539	1.04 E	2.45	2.32	1.92B	15
16	1.17B	4.18B	4.21B	5.45	5.91	1.10	0.295	0.591	0.940A	2.97	2.25	1.83B	16
17	1.16B	5.90B	3.72B	4.46	5.20	1.05	0.275	0.558	0.859E	3.16	2.25	1.74B	17
18	1.14B	8.60B	3.36B	4.28	4.12	0.952	0.267	0.516	0.839E	4.96	2.26	1.65B	18
19	1.12B	12.4 B	3.21B	3.72	3.36	0.869	0.277	0.412	0.828E	10.8	2.21	1.59B	19
20	1.11B	17.2 B	3.04B	3.26	0.444E	0.815	0.272	0.364	0.841E	12.4	3.52	1.53B	20
21	1.09B	38.2 B	2.90B	2.92	2.12	0.853	0.268	0.339	0.882E	9.99	7.77	1.48B	21
22	1.08B	50.6 B	3.55	2.67	2.27	1.16	0.287	0.325	0.978E	8.67	7.68	1.42B	22
23	1.07B	90.3	4.50	2.80	2.06	1.91	0.269	0.314	1.08 E	9.35	5.84	1.71B	23
24	1.05B	73.9	5.29	3.15	2.17	1.99	0.243	0.320	1.05 E	10.3	4.60	1.57B	24
25	1.07B	33.6	5.78	3.04	2.02	1.64	0.237	0.314	0.999E	9.83	3.85	1.49B	25
26	1.19B	23.4	5.91	2.72	1.80	1.27	0.229	0.316	1.02 E	8.14	3.44	1.42B	26
27	1.38B	17.8	6.78	2.49	1.72	1.06	0.241	0.328A	1.18 E	7.03	8.40	1.37B	27
28	1.58B	18.6	7.46	3.04	1.69	0.938	0.498	0.492E	2.23 E	9.96	13.7	1.31B	28
29	1.51B		7.55	5.06	1.69	0.817	0.919	0.764E	2.53 E	8.84	10.9	1.28B	29
30	1.44B		9.16	4.56	1.69	0.768	0.815	1.24 E	2.22 E	6.93	7.84	1.23B	30
31	1.39B		11.3		1.53		0.642	3.46 E		5.68		1.21B	31
TOTAL	40.12	425.46	210.91	121.42	110.576	36.070	14.340	16.975	71.426	198.59	136.97	100.62	TOTAL
MEAN	1.29	15.2	6.80	4.05	3.57	1.20	0.463	0.548	2.38	6.41	4.57	3.25	MEAN
MAX	1.59	90.3	19.3	9.42	15.8	1.99	0.919	3.46	10.6	12.4	13.7	11.2	MAX
MIN	1.05	1.33	2.90	2.42	0.442	0.768	0.229	0.314	0.828	2.03	2.21	1.21	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.06
MAXIMUM DAILY, 90.3 ON FEB 23
MINIMUM DAILY, 0.229 ON JUL 26
MAXIMUM INSTANTANEOUS,
96.7 AT 22:43 EST ON FEB 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 51 15 N
LONG 81 15 00 W
DRAINAGE AREA, 326 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 470	JUL	1 240
FEB	36 800	AUG	1 470
MAR	18 200	SEP	6 170
APR	10 500	OCT	17 200
MAY	9 550	NOV	11 800
JUN	3 120	DEC	8 690

TOTAL DISCHARGE, 128 000 dam³

LITTLE OTTER CREEK NEAR STRAFFORDVILLE - STATION NO. 02GC015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.697B	0.770B	3.61	1.66	2.39	0.811	0.935	0.771	0.642	3.98	1.49	1.43	1
2	0.695B	0.840B	3.05	1.47	1.97	0.783	0.850	0.747	1.26	3.21	1.42	1.81	2
3	0.690B	0.960B	2.64	1.36	1.72	0.853	0.770	0.826	1.47	1.87	1.36	1.75	3
4	0.685B	0.920B	2.36	1.29	1.54	0.905	0.718	0.790	2.44	1.51	1.34	1.54	4
5	0.683B	0.885B	2.22	1.26	1.45	0.802	0.739	0.787	1.69	1.34	1.30	1.39	5
6	0.681B	0.860B	2.14	1.21	1.35	0.757	0.707	0.736	1.38	1.25	1.38	1.33	6
7	0.680B	0.830B	2.02	1.18	1.23	0.725	0.659	0.704	1.06	1.22	1.50	1.29	7
8	0.680B	0.810B	1.91	1.15	1.15	0.711	0.632	0.763	0.960	1.19	1.37	1.29	8
9	0.677B	0.800B	1.87	1.13	1.11	0.728	0.736	0.724	0.911	1.12	1.28	1.23	9
10	0.675B	0.793B	1.87	1.09	1.22	0.700	0.691	0.689	0.843	1.08	1.22	1.12	10
11	0.673B	1.50 B	1.88	1.14	1.77	0.676	0.611	1.51	0.803	1.06	1.21	1.12	11
12	0.671B	3.00 B	1.82	1.18	1.88	0.650	0.596	1.43	0.789	1.03	1.19	1.08	12
13	0.670B	2.80 B	1.77	1.22	1.62	0.668	0.590	1.17	0.756	0.994	1.18	1.05	13
14	0.669B	2.60 B	1.68	2.50	1.45	0.786	0.563	1.05	0.743	0.948	1.18	1.03	14
15	0.668B	2.50 B	1.59	2.61	1.45	0.774	0.557	1.06	0.731	0.924	1.17	1.05	15
16	0.667B	2.75 B	1.57	1.84	1.50	0.689	0.510	1.08	0.700	0.917	1.16	1.03	16
17	0.666B	7.77	1.52	1.75	1.33	0.676	0.477	0.883	0.933	0.907	1.17	1.01	17
18	0.664B	8.82	1.46	2.89	1.21	0.627	0.464	0.788	1.58	1.90	1.15	0.955	18
19	0.662B	6.53	1.42	2.38	1.14	0.614	0.458	0.744	1.26	2.51	1.14	0.930B	19
20	0.660B	5.98	1.38	1.89	1.04	0.614	0.605	0.711	1.11	1.79	2.42	0.920B	20
21	0.660B	5.38	1.35	1.63	0.967	0.758	0.619	0.690	1.13	1.59	3.09	0.910B	21
22	0.660B	4.34	1.37	1.50	0.932	3.13	0.544	0.666	2.95	2.15	2.24	0.970B	22
23	0.660B	7.37	1.39	2.77	0.897	2.57	0.507	0.641	1.83	3.47	1.85	1.62	23
24	0.660B	8.11	1.39	3.21	0.873	1.34	0.491	0.623	1.27	2.68	1.63	1.63	24
25	0.660B	5.03	1.37	2.73	0.885	2.39	0.486	0.623	1.12	2.01	1.50	1.37	25
26	0.665B	3.88	1.41	2.18	0.871	1.31	0.500	0.627	1.07	1.79	1.43	1.26	26
27	0.730B	3.25	1.66	1.88	0.860	1.06	0.488	0.616	1.08	2.00	1.47	1.20	27
28	0.710B	3.58	1.65	2.81	0.941	0.937	1.72	0.630	0.957	2.82	1.45	1.18	28
29	0.690B		1.52	4.27	0.912	0.856	1.50	0.657	0.914	2.22	1.35	1.14	29
30	0.680B		1.68	3.17	0.899	0.811	0.993	0.650	0.918	1.83	1.30	1.10	30
31	0.720B		1.88		0.873		0.865	0.677		1.61		1.08	31
TOTAL	21.008	93.658	56.45	58.35	39.430	29.711	21.581	25.063	35.300	54.920	43.94	37.815	TOTAL
MEAN	0.678	3.34	1.82	1.95	1.27	0.990	0.696	0.808	1.18	1.77	1.46	1.22	MEAN
MAX	0.730	8.82	3.61	4.27	2.39	3.13	1.72	1.51	2.95	3.98	3.09	1.81	MAX
MIN	0.660	0.770	1.35	1.09	0.860	0.614	0.458	0.616	0.642	0.907	1.14	0.910	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.42
MAXIMUM DAILY, 8.82 ON FEB 18
MINIMUM DAILY, 0.458 ON JUL 19
MAXIMUM INSTANTANEOUS,
9.33 AT 04:01 EST ON FEB 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 45 23 N
LONG 80 48 26 W
DRAINAGE AREA, 104 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 820	JUL	1 860
FEB	8 090	AUG	2 170
MAR	4 880	SEP	3 050
APR	5 040	OCT	4 750
MAY	3 410	NOV	3 800
JUN	2 570	DEC	3 270

TOTAL DISCHARGE, 44 700 dam³

REMARKS - THE DISCHARGE IS AFFECTED BY PUMPING FOR IRRIGATION DURING THE SUMMER MONTHS

LITTLE PIC RIVER NEAR COLDWELL - STATION NO. 02BA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.05B	3.57B	5.45B	16.5	29.3	21.8	29.5	4.93	3.23	2.67	4.01	3.02B	1
2	5.00B	3.54B	5.38B	17.4	27.5	22.1	24.2	4.83	3.47	2.60	3.86	3.01B	2
3	4.93B	3.52B	5.22B	13.9	29.9	26.6	21.3	4.70	3.31	2.53	3.68	3.00B	3
4	4.84B	3.50B	5.05B	11.1	35.6	28.2	19.8	4.57	3.19	2.50	3.55	2.99B	4
5	4.76B	3.48B	4.95B	13.5	39.4	25.4	18.9	4.50	2.99	2.52	3.53	2.98B	5
6	4.70B	3.45B	4.80B	16.6	33.7	23.1	16.9	4.41	2.90	2.56	3.53	2.96B	6
7	4.74B	3.42B	4.65B	18.8	31.1	21.3	14.7	4.24	3.12	2.60	3.38	2.95B	7
8	4.58B	3.40B	4.55B	21.4	30.4	25.4	13.7	4.19	3.50	2.56	3.30	2.94B	8
9	4.52B	3.38B	4.45B	23.7	28.9	27.2	12.7	4.16	3.33	2.53	3.16	2.93B	9
10	4.46B	3.36B	4.35B	25.2	26.4	25.8	11.6	4.00	3.24	2.46	3.25	2.92B	10
11	4.40B	3.34B	4.25B	24.1	26.0	23.7	10.7	4.10	3.05	2.44	3.09	2.90B	11
12	4.35B	3.32B	4.15B	24.4	25.4	21.5	10.1	4.02	3.01	2.39	2.90	2.89B	12
13	4.30B	3.30B	4.08B	25.1	24.8	19.6	10.0	3.79	3.05	2.41	3.65	2.88B	13
14	4.25B	3.30B	4.04B	25.3	24.2	19.8	9.88	3.65	2.95	4.70	4.09	2.87B	14
15	4.20B	3.32B	4.00B	24.2	23.6	36.9	9.24	3.58	2.86	5.66	4.53	2.86B	15
16	4.15B	3.35B	3.97B	26.4	22.9	52.1	8.63	3.52	2.80	3.81	4.93	2.85B	16
17	4.10B	3.45B	3.93B	31.9	21.7	43.2	8.21	3.44	2.79	3.41	4.94	2.84B	17
18	4.06B	3.56B	3.90B	29.9	20.4	35.5	8.05	3.34	2.74	7.90	4.71	2.83B	18
19	4.02B	3.75B	3.90B	26.7	19.4	29.9	7.58	3.29	2.71	6.39	4.27	2.82B	19
20	3.98B	4.05B	3.93B	23.5	18.8	26.2	7.27	3.20	2.67	5.00	3.55	2.81B	20
21	3.94B	4.35B	3.98B	21.5	17.9	24.5	7.14	3.15	2.64	4.15	3.48	2.80B	21
22	3.90B	4.60B	4.05B	19.9	17.3	23.5	6.92	3.09	2.55	3.59	3.25	2.79B	22
23	3.86B	4.85B	4.16	19.3	16.7	21.8	6.41	3.08	2.53	3.42	3.17	2.78B	23
24	3.82B	5.05B	4.35	20.6	16.7	20.0	6.22	2.96	2.51	3.28	3.15	2.76B	24
25	3.78B	5.20B	4.50	21.8	20.4	20.1	7.78	2.86	2.50	3.26	3.12B	2.76B	25
26	3.75B	5.35B	4.68	23.3	29.7	18.7	7.13	2.91	2.49	3.25	3.10B	2.75B	26
27	3.73B	5.45B	4.94	24.5	28.3	16.7	6.36	2.89	2.63	3.33	3.09B	2.74B	27
28	3.70B	5.50B	5.28	27.5	24.7	21.0	5.87	2.84	2.70	3.46	3.06B	2.73B	28
29	3.66B		5.93	31.1	22.6	50.3	5.52	2.82	2.69	3.38	3.04B	2.72B	29
30	3.63B		8.02	31.5	24.1	39.5	5.26	2.82	2.67	3.45	3.03B	2.72B	30
31	3.60B		13.8		23.5		5.08	2.82		3.93		2.71B	31
TOTAL	130.76	109.71	152.69	680.6	781.3	811.4	342.65	112.70	86.82	108.14	107.40	88.51	TOTAL
MEAN	4.22	3.92	4.93	22.7	25.2	27.0	11.1	3.64	2.89	3.49	3.58	2.86	MEAN
MAX	5.05	5.50	13.8	31.9	39.4	52.1	29.5	4.93	3.50	7.90	4.94	3.02	MAX
MIN	3.60	3.30	3.90	11.1	16.7	16.7	5.08	2.82	2.49	2.39	2.90	2.71	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.62
MAXIMUM DAILY, 52.1 ON JUN 16
MINIMUM DAILY, 2.39 ON OCT 12
MAXIMUM INSTANTANEOUS,
54.6 AT 00:19 EST ON JUN 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 50 57 N
LONG 86 36 26 W
DRAINAGE AREA, 1 320 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 300	JUL	29 600
FEB	9 480	AUG	9 740
MAR	13 200	SEP	7 500
APR	58 800	OCT	9 340
MAY	67 500	NOV	9 280
JUN	70 100	DEC	7 650

TOTAL DISCHARGE, 303 000 dam³

LITTLE ROUGE CREEK NEAR LOCUST HILL - STATION NO. 02HC028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.262B	0.385B	1.34	1.27	0.284	0.241	0.157	0.137	0.264	0.229	0.778	0.705	1
2	0.260B	0.320B	0.968	0.992	0.266	0.216	0.167	0.126	0.998	0.788	0.679	0.896	2
3	0.259B	0.265B	0.658	0.718	0.247	0.263	0.161	0.121	1.24	0.296	0.611	0.906	3
4	0.252B	0.260B	0.623	0.663	0.248	0.297	0.168	0.481	6.36	0.268	0.559	0.723	4
5	0.250B	0.255B	0.574	0.712	0.247	0.244	0.342	3.92	11.9	0.256	0.539	0.611	5
6	0.250B	0.251B	0.555	0.564	0.319	0.213	0.282	0.704	3.51	1.79	0.603	0.510	6
7	0.251B	0.250B	0.537	0.458	0.270	0.172	0.183	0.322	1.64	2.14	0.669	0.531	7
8	0.251B	0.248B	0.544	0.427	0.245	0.160	0.137	0.262	1.04	1.66	0.577	0.488	8
9	0.250B	0.246B	0.559	0.414	0.241	0.163	0.113	0.328	0.693	0.862	0.523	0.404	9
10	0.248B	0.250B	0.554	0.368	0.339	0.169	0.101	0.274	0.508	0.597	0.470	0.321	10
11	0.242B	0.580B	0.543	0.348	4.51	0.231	0.091	0.697	0.413	0.497	0.509	0.402	11
12	0.240B	0.275B	0.528	0.341	4.92	0.190	0.103	1.50	0.361	0.427	0.492	0.438	12
13	0.239B	0.254B	0.526	0.311	1.58	0.191	0.103	0.429	0.316	0.388	0.441	0.423	13
14	0.238B	0.252B	0.423	0.863	0.994	0.189	0.086	0.295	0.282	0.368	0.426	0.419	14
15	0.240B	0.265B	0.488	0.902	0.904	0.192	0.075	1.82	0.268	0.393	0.428	0.424	15
16	0.245B	0.300B	0.379	0.556	0.801	0.202	0.071	2.13	0.244	0.425	0.746	0.418	16
17	0.249B	0.600B	0.326	0.592	0.571	0.401	0.069	0.664	0.247	0.400	1.80	0.402	17
18	0.260B	1.10 B	0.285	0.673	0.443	0.257	0.069	0.353	0.269	3.32	1.21	0.380B	18
19	0.275B	1.70 B	0.310	0.505	0.379	0.201	0.099	0.268	0.259	2.00	0.896	0.370B	19
20	0.284B	3.00 B	0.298	0.410	0.325	0.189	0.149	0.224	0.245	0.926	3.41	0.355B	20
21	0.283B	4.60 B	0.298	0.375	0.275	0.191	0.166	0.179	0.247	0.718	4.28	0.342B	21
22	0.280B	7.77	0.320	0.354	0.260	0.697	0.139	0.157	0.353	1.76	2.11	0.460B	22
23	0.280B	8.05	0.313	0.355	0.223	0.861	0.123	0.156	0.314	3.91	1.30	0.580B	23
24	0.279B	5.88	0.315	0.478	0.184	0.393	0.098	0.153	0.261	2.85	1.01	0.753	24
25	0.280B	2.84	0.340	0.462	0.209	0.295	0.090	0.156	0.226	1.41	0.719	0.575	25
26	0.315B	1.82	0.341	0.387	0.288	0.231	0.094	0.146	0.244	1.38	0.693	0.489	26
27	0.305B	1.25	0.365	0.346	0.359	0.180	0.111	0.143	0.290	4.01	2.57	0.483	27
28	0.290B	1.32	0.392	0.324	0.495	0.155	0.172	0.198	0.262	5.81	1.83	0.512	28
29	0.280B		0.438	0.345	0.505	0.142	0.519	0.282	0.226	1.92	1.08	0.491	29
30	0.270B		1.28	0.345	0.389	0.140	0.288	0.257	0.209	1.22	0.806	0.475	30
31	0.265B		2.05		0.299		0.176	0.298		0.921		0.519	31
TOTAL	8.172	44.586	17.470	15.858	21.619	7.666	4.702	17.180	33.689	43.439	32.764	15.805	TOTAL
MEAN	0.264	1.59	0.564	0.529	0.697	0.256	0.152	0.554	1.12	1.40	1.09	0.510	MEAN
MAX	0.315	8.05	2.05	1.27	4.92	0.861	0.519	3.92	11.9	5.81	4.28	0.906	MAX
MIN	0.238	0.246	0.285	0.311	0.184	0.140	0.069	0.121	0.209	0.229	0.426	0.321	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.720
MAXIMUM DAILY, 11.9 ON SEP 5
MINIMUM DAILY, 0.069 ON JUL 17
MAXIMUM INSTANTANEOUS,
16.5 AT 15:05 EST ON SEP 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 54 28 N
LONG 79 12 58 W
DRAINAGE AREA, 77.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	706	JUL	406
FEB	3 850	AUG	1 480
MAR	1 510	SEP	2 910
APR	1 370	OCT	3 750
MAY	1 870	NOV	2 830
JUN	662	DEC	1 370

TOTAL DISCHARGE, 22 700 dam³

LITTLE TURKEY LAKE (INFLOW D) NEAR BATCHAWANA MOUNTAIN - STATION NO. 02BF008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.029	0.013B	0.082	0.936	0.108	0.028	0.186	0.011	0.010	0.006	0.071	0.026	1
2	0.029	0.014B	0.073	0.843	0.100	0.034	0.142	0.011	0.010	0.007	0.077	0.025	2
3	0.043	0.014B	0.066	0.702	0.097	0.161	0.111	0.011	0.009	0.007	0.076	0.024	3
4	0.048	0.013B	0.059	1.30	0.122	0.532	0.096	0.017	0.009	0.007	0.064	0.023	4
5	0.030	0.013B	0.052	0.938	0.393	0.397	0.090	0.019	0.009	0.007	0.060	0.021	5
6	0.026	0.013B	0.049	0.524	0.470	0.251	0.084	0.019	0.009	0.010	0.056	0.018	6
7	0.026	0.014B	0.046	0.378	0.321	0.173	0.078	0.017	0.009	0.011	0.058	0.015	7
8	0.025	0.014B	0.044	0.330	0.226	0.147	0.067	0.016	0.009	0.011	0.056	0.014	8
9	0.025	0.014	0.044	0.350	0.161	0.125	0.063	0.015	0.009	0.010	0.053	0.013	9
10	0.027	0.015	0.041	0.477	0.125	0.110	0.052	0.015	0.009	0.009	0.055	0.012B	10
11	0.033	0.016	0.039	0.587	0.093	0.091	0.043	0.015	0.009E	0.009	0.050	0.011B	11
12	0.027	0.016	0.039	0.594	0.077	0.091	0.037	0.014	0.010E	0.010	0.045	0.011	12
13	0.021	0.015	0.039	0.530	0.069	0.085	0.028	0.014	0.010E	0.010	0.042	0.012	13
14	0.019	0.016	0.040	0.798	0.067	0.081	0.020	0.014	0.009E	0.013	0.039	0.012	14
15	0.018	0.015	0.040	0.513	0.059	1.34 A	0.016	0.014	0.008E	0.026	0.038	0.012	15
16	0.017	0.015	0.052	0.369	0.052	0.875	0.014	0.013	0.007E	0.027	0.037	0.011	16
17	0.016	0.016	0.046	0.354	0.047	0.451	0.013	0.013	0.007E	0.031	0.037	0.010B	17
18	0.016	0.017	0.038	0.327	0.044	0.282	0.013	0.012	0.006E	0.068	0.033	0.011B	18
19	0.015	0.024	0.035	0.275	0.043	0.208	0.012	0.011	0.006E	0.094	0.033	0.012	19
20	0.014	0.031	0.035	0.219	0.040	0.153	0.012	0.011	0.005E	0.095	0.030	0.012	20
21	0.013	0.038	0.035	0.177	0.039	0.119	0.011	0.011	0.005E	0.106	0.029	0.012	21
22	0.013	0.042	0.036	0.144	0.035	0.100	0.011	0.011	0.005E	0.113	0.028	0.012	22
23	0.013	0.046	0.034	0.139	0.036	0.084	0.011	0.010	0.004	0.106	0.028	0.011	23
24	0.012	0.057	0.034	0.146	0.038	0.088	0.011	0.010	0.004	0.092	0.027	0.011	24
25	0.012	0.070	0.033	0.140	0.037	0.138	0.011	0.010	0.004	0.083	0.027	0.013	25
26	0.012	0.071	0.031	0.134	0.035	0.147	0.011	0.010	0.005	0.076	0.026	0.011	26
27	0.014	0.067	0.033	0.128	0.036	0.118	0.011	0.010	0.006	0.065	0.026	0.012	27
28	0.014	0.066	0.053	0.124	0.032	0.105	0.011	0.010	0.006	0.061	0.026	0.012	28
29	0.013B		0.405	0.120	0.031	0.163	0.010	0.010	0.006	0.056	0.023	0.013	29
30	0.012B		1.49	0.115	0.032	0.214	0.010	0.010	0.005	0.054	0.023	0.012	30
31	0.012B		1.09		0.029		0.010	0.009		0.055		0.013	31
TOTAL	0.644	0.775	4.233	12.711	3.094	6.891	1.295	0.393	0.219	1.335	1.273	0.437	TOTAL
MEAN	0.021	0.028	0.137	0.424	0.100	0.230	0.042	0.013	0.007	0.043	0.042	0.014	MEAN
MAX	0.048	0.071	1.49	1.30	0.470	1.34	0.186	0.019	0.010	0.113	0.077	0.026	MAX
MIN	0.012	0.013	0.031	0.115	0.029	0.028	0.010	0.009	0.004	0.006	0.023	0.010	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.091
MAXIMUM DAILY, 1.49 ON MAR 30
MINIMUM DAILY, 0.004 ON SEP 23
MAXIMUM INSTANTANEOUS,
1.87E AT 13:00 EST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 02 48 N
LONG 84 24 14 W
DRAINAGE AREA, 4.08 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	55.6	JUL	112
FEB	67.0	AUG	34.0
MAR	366	SEP	18.9
APR	1 100	OCT	115
MAY	267	NOV	110
JUN	595	DEC	37.8

TOTAL DISCHARGE, 2 880 dam³

LITTLE TURKEY LAKE (OUTFLOW C) NEAR BATCHAWANA MOUNTAIN - STATION NO. 02BF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	0.297	0.017	0.004	0.005	0.078	0.047	1
2	---	---	---	---	---	---	0.269	0.026	0.005	0.006	0.084	0.045	2
3	---	---	---	---	---	---	0.239	0.022	0.005	0.006	0.086	0.045	3
4	---	---	---	---	---	---	0.216	0.059	0.004	0.007	0.082	0.046	4
5	---	---	---	---	---	---	0.185	0.075	0.002	0.007	0.087	0.046	5
6	---	---	---	---	---	---	0.168E	0.098	0.002	0.021	0.101	0.044	6
7	---	---	---	---	---	---	0.153E	0.088	0.001	0.029	0.096	0.047	7
8	---	---	---	---	---	---	0.140E	0.053	0.002	0.029	0.093	0.049B	8
9	---	---	---	---	---	---	0.125E	0.035	0.002	0.026	0.082	0.046B	9
10	---	---	---	---	---	---	0.111E	0.054	0.003	0.024	0.084	0.044B	10
11	---	---	---	---	---	---	0.095E	0.070	0.004	0.019	0.086	0.043	11
12	---	---	---	---	---	---	0.080E	0.030E	0.004	0.017	0.074	0.043	12
13	---	---	---	---	---	---	0.067E	0.033E	0.005	0.014	0.068	0.045	13
14	---	---	---	---	---	---	0.052E	0.037E	0.004	0.019	0.065	0.056	14
15	---	---	---	---	---	---	0.040E	0.040E	0.003	0.050	0.064	0.061	15
16	---	---	---	---	---	---	0.030	0.029E	0.001	0.042	0.058	0.059	16
17	---	---	---	---	---	---	0.025	0.024E	0.001	0.034	0.059	0.050	17
18	---	---	---	---	---	---	0.025	0.020E	0.001	0.080	0.058	0.047	18
19	---	---	---	---	---	---	0.021	0.017	0	0.088	0.056	0.045	19
20	---	---	---	---	---	---	0.017	0.015	0	0.112	0.057	0.045	20
21	---	---	---	---	---	---	0.010	0.012	0.001	0.126	0.052	0.046	21
22	---	---	---	---	---	---	0.008	0.011	0.001	0.132	0.050	0.046	22
23	---	---	---	---	---	---	0.006	0.010	0	0.150	0.049	0.047	23
24	---	---	---	---	---	---	0.005	0.006	0	0.142	0.051	0.042	24
25	---	---	---	---	---	0.181	0.006	0.006	0.001	0.125	0.050	0.048	25
26	---	---	---	---	---	0.183	0.006	0.005	0.001	0.114	0.047	0.046	26
27	---	---	---	---	---	0.178	0.005	0.006	0.001E	0.094	0.051	0.045	27
28	---	---	---	---	---	0.165	0.004	0.004	0.001E	0.082	0.051	0.046	28
29	---		---	---	---	0.264	0.005	0.004	0.001E	0.073	0.050	0.046	29
30	---		---	---	---	0.304	0.005	0.004	0.001	0.068	0.048	0.045	30
31	---		---		---		0.004	0.004		0.070		0.051	31
TOTAL	---	---	---	---	---	---	2.419	0.914	0.061	1.811	2.017	1.461	TOTAL
MEAN	---	---	---	---	---	---	0.078	0.029	0.002	0.058	0.067	0.047	MEAN
MAX	---	---	---	---	---	---	0.297	0.098	0.005	0.150	0.101	0.061	MAX
MIN	---	---	---	---	---	---	0.004	0.004	0	0.005	0.047	0.042	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON SEP 19

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 02 41 N
LONG 84 24 44 W
DRAINAGE AREA, 5.40 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	209
FEB	---	AUG	79.0
MAR	---	SEP	5.27
APR	---	OCT	156
MAY	---	NOV	174
JUN	---	DEC	126

LITTLE WHITE RIVER BELOW BOLAND RIVER - STATION NO. 02CC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.03B	3.57B	10.5 B	33.5	25.1	13.5	35.2	6.43	6.04	4.88	12.4	7.57	1
2	4.02B	3.56B	9.80B	43.5	23.8	13.1	32.4	6.43	5.95	4.96	12.3	8.59	2
3	4.00B	3.54B	9.40B	49.2	22.8	14.9	29.0	6.32	5.64	4.89	12.0	8.81	3
4	3.98B	3.53B	9.00B	74.5	22.7	23.0	23.4	7.51	5.36	4.93	11.5	8.96	4
5	3.96B	3.52B	8.70B	106	23.4	25.8	23.7	8.55	5.20	5.07	11.2	8.64	5
6	3.93B	3.51B	8.30B	110	23.6	25.8	28.5	8.22	5.08	5.67	11.5	8.54	6
7	3.91B	3.50B	8.00B	98.0	23.2	24.8	31.3	7.77	5.02	7.12	11.3	8.55	7
8	3.89B	3.50B	7.80B	82.6	22.2	23.5	26.1	7.25	6.31	7.65	11.0	8.14	8
9	3.87B	3.51B	7.60B	72.7	21.1	22.2	22.0	7.22	7.57	7.57	10.8	8.13	9
10	3.85B	3.53B	7.53B	65.5	20.1	20.7	19.3	6.99	7.33	7.27	10.5	7.80B	10
11	3.83B	3.58B	7.30B	58.7	19.2	19.1	17.0	6.88	7.05	6.97	10.2	7.60B	11
12	3.82B	3.60E	7.15B	55.3	18.4	17.8	15.5	6.73	7.25	6.62	9.61	7.50B	12
13	3.81B	3.65B	7.00B	51.7	18.4	16.7	14.4	6.46	6.83	6.28	9.21	7.60B	13
14	3.80B	3.70B	6.90B	52.9	18.3	16.0	13.3	6.37	6.60	6.05	9.49	7.60B	14
15	3.79B	3.75B	6.80B	54.6	18.0	22.1	12.4	6.27	6.32	6.27	9.45	7.30B	15
16	3.77B	3.85B	6.70B	53.7	17.3	30.1	11.8	6.07	6.00	6.49	10.3	7.00B	16
17	3.75B	4.00B	6.55B	52.8	16.4	32.1	11.2	5.76	5.70	6.61	18.0	6.80B	17
18	3.74B	4.10B	6.50B	50.7	15.6	31.4	10.6	5.59	5.41	9.46	14.9	6.70B	18
19	3.73B	4.35B	6.40B	47.1	15.0	30.2	10.2	5.39	5.18	13.3	13.3	6.60B	19
20	3.72B	4.60B	6.35B	43.1	14.3	27.8	9.86	5.26	5.02	15.2	12.3	6.60B	20
21	3.70B	4.95B	6.30B	39.6	13.7	25.9	9.53	5.12	4.94	15.8	11.2	6.60B	21
22	3.68B	5.40B	6.30B	36.3	13.1	28.2	8.96	5.02	4.87	15.3	10.1	6.90B	22
23	3.67B	6.40B	6.35B	34.5	12.6	34.9	8.61	5.02	4.72	14.9	9.40B	7.00B	23
24	3.65B	8.00B	6.40B	34.5	12.2	36.9	8.25	5.12	4.59	14.4	8.40B	7.00B	24
25	3.63B	9.00B	6.60B	33.7	12.5	44.9	7.92	4.98	4.58	14.0	7.40B	6.90B	25
26	3.62B	10.4 B	6.80B	32.4	14.8	49.7	7.73	4.87	4.64	13.7	7.81	6.70B	26
27	3.61B	12.0 B	7.11	31.0	16.4	46.0	7.42	4.88	4.66	13.4	7.91	6.60B	27
28	3.60B	11.2 B	7.42	29.3	16.7	41.4	7.35	4.72	4.58	13.0	7.88	6.50B	28
29	3.60B		8.46	28.0	16.3	38.5	7.22	4.94	4.55	12.9	7.30B	6.40B	29
30	3.59B		15.1	26.6	15.3	37.0	6.87	6.19	4.54	12.5	7.10B	6.30B	30
31	3.58B		24.1		14.3		6.66	6.39		12.3		6.20B	31
TOTAL	117.13	141.80	255.22	1 582.0	556.8	834.0	483.68	190.72	167.53	295.46	315.76	228.13	TOTAL
MEAN	3.78	5.06	8.23	52.7	18.0	27.8	15.6	6.15	5.58	9.53	10.5	7.36	MEAN
MAX	4.03	12.0	24.1	110	25.1	49.7	35.2	8.55	7.57	15.8	18.0	8.96	MAX
MIN	3.58	3.50	6.30	26.6	12.2	13.1	6.66	4.72	4.54	4.88	7.10	6.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.2
MAXIMUM DAILY, 110 ON APR 6
MINIMUM DAILY, 3.50B ON FEB 7
MAXIMUM INSTANTANEOUS,
113 AT 05:25 EST ON APR 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 34 49 N
LONG 82 57 58 W
DRAINAGE AREA, 1 190 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 100	JUL	41 800
FEB	12 300	AUG	16 500
MAR	22 100	SEP	14 500
APR	137 000	OCT	25 500
MAY	48 100	NOV	27 300
JUN	72 100	DEC	19 700

TOTAL DISCHARGE, 447 000 dam³

LITTLE WHITE RIVER NEAR BELLINGHAM - STATION NO. 02CC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.80B	6.63B	25.2	56.5	42.6	23.8	58.7	12.1	10.7	8.20	25.3	15.6	1
2	7.70B	6.60B	24.1	72.2	40.1	22.9	54.5	12.0	10.6	8.99	25.0	17.7	2
3	7.65B	6.60B	22.7	81.1	38.6	23.6	49.7	11.8	10.1	8.49	24.4	19.4	3
4	7.60B	6.60B	22.2	133	38.6	31.7	44.0	14.1	9.56	8.26	23.6	18.7	4
5	7.60B	6.58B	20.8	197	39.7	37.1	39.9	16.5	9.22	8.20	23.1	18.5	5
6	7.55B	6.57B	19.9	215	39.8	37.5	41.9	16.1	8.85	9.26	23.2	18.2	6
7	7.50B	6.56B	19.0B	198	38.5	36.7	44.4	15.3	8.67	12.1	23.1	17.6	7
8	7.45B	6.57B	18.0B	166	37.1	36.3	42.4	14.3	11.5	13.5	22.5	17.5	8
9	7.39B	6.60B	17.0B	141	35.6	35.8	36.9	13.8	12.9	13.6	22.1	15.6	9
10	7.35B	6.70B	16.3B	124	34.3	33.5	33.3	13.3	13.8	13.5	21.5	14.9B	10
11	7.30B	6.80B	15.8B	109	32.7	31.7	30.2	12.9	13.4	13.2	21.1	14.2B	11
12	7.25B	6.90B	15.2B	98.6	31.4	30.1	28.0	12.5	13.5	12.7	20.2	14.1B	12
13	7.20B	6.95B	14.8B	90.3	30.9	28.6	26.6	12.1	13.4	12.0	19.3	14.0B	13
14	7.20B	7.00B	14.3B	91.1	30.7	27.5	25.2	11.8	12.7	11.7	19.1	14.1B	14
15	7.15B	7.20B	14.0B	95.8	30.2	33.5	23.6	11.4	12.1	12.4	19.3	13.5B	15
16	7.10B	7.45B	13.7B	92.2	29.3	51.7	22.5	11.1	11.3	13.3	18.9	12.9B	16
17	7.10B	7.75B	13.6B	89.5	28.1	57.3	21.5	10.4	10.6	13.6	22.3	12.3B	17
18	7.05B	8.10B	13.5B	85.3	27.1	55.7	20.7	9.84	9.88	22.3	24.8	12.2B	18
19	7.03B	8.80B	13.5B	79.6	26.3	54.0	19.8	9.62	9.40	28.9	23.0	12.1B	19
20	7.02B	9.70B	13.5B	73.3	25.5	49.4	19.0	9.34	9.02	30.2	21.6	12.2B	20
21	7.00B	11.2 B	13.6B	66.6	24.7	45.8	18.7	9.10	8.62	30.9	20.3	12.4B	21
22	6.95B	14.0 B	13.7B	61.0	24.0	47.1	17.7	8.81	8.44	30.4	18.6	13.0B	22
23	6.90B	17.3	13.8B	58.2	23.2	55.5	16.8	8.60	8.20	30.0	16.5B	13.0B	23
24	6.90B	24.9	14.1B	59.2	22.4	58.8	16.1	8.64	7.92	28.9	15.0B	12.8B	24
25	6.85B	28.0	14.5B	56.7	23.2	66.6	15.6	8.56	7.83	28.2	14.5B	12.4B	25
26	6.80B	27.1	15.0B	54.2	25.8	74.9	15.0	8.33	7.84	27.5	16.0B	12.2B	26
27	6.80B	26.0	15.6B	51.8	27.9	72.4	14.3	8.24	7.96	27.0	16.8	12.0B	27
28	6.75B	25.9	16.5B	49.1	27.7	66.3	13.9	8.14	8.00	26.6	16.4	11.8B	28
29	6.70B		18.6	47.3	27.1	63.8	13.8	8.26	7.84	26.3	15.9	11.7B	29
30	6.65B		29.6	45.0	26.0	62.5	13.1	8.81	7.74	25.7	14.0B	11.5B	30
31	6.65B		45.8		24.8		12.6	10.9		25.4		11.4B	31
TOTAL	221.94	317.06	557.9	2 837.6	953.9	1 352.1	850.4	346.69	301.59	581.30	607.4	439.5	TOTAL
MEAN	7.16	11.3	18.0	94.6	30.8	45.1	27.4	11.2	10.1	18.8	20.2	14.2	MEAN
MAX	7.80	28.0	45.8	215	42.6	74.9	58.7	16.5	13.8	30.9	25.3	19.4	MAX
MIN	6.65	6.56	13.5	45.0	22.4	22.9	12.6	8.14	7.74	8.20	14.0	11.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.7
MAXIMUM DAILY, 215 ON APR 6
MINIMUM DAILY, 6.56B ON FEB 7
MAXIMUM INSTANTANEOUS,
217 AT 06:26 EST ON APR 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 23 38 N
LONG 83 17 10 W
DRAINAGE AREA, 1 960 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	19 200	JUL	73 500
FEB	27 400	AUG	30 000
MAR	48 200	SEP	26 100
APR	245 000	OCT	50 200
MAY	82 400	NOV	52 500
JUN	117 000	DEC	38 000

TOTAL DISCHARGE, 810 000 dam³

LONG LAKE AT LONGLAC - STATION NO. 04JD001

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	312.73	312.28	312.00	311.54	311.72	312.45	313.20	312.96	312.54	312.36	312.37	312.23	1
2	312.72	312.26	311.98	311.53	311.76	312.50	313.22	312.94	312.53	312.36	312.36	312.23	2
3	312.71	312.25	311.96	311.53	311.78	312.54	313.24	312.93	312.52	312.36	312.34	312.23	3
4	312.70	312.24	311.96	311.52	311.80	312.57	313.25	312.90	312.51	312.36	312.33	312.24	4
5	312.68	312.24	311.96	311.52	311.82	312.62	313.26	312.88	312.50	312.37	312.32	312.24	5
6	312.66	312.24	311.94	311.52	311.84	312.66	313.27	312.88	312.48	312.37	312.30	312.24	6
7	312.64	312.24	311.92	311.52	311.86	312.70	313.28	312.86	312.46	312.38	312.28	312.24	7
8	312.62	312.23	311.90	311.52	311.88	312.74	313.30	312.84	312.46	312.38	312.28	312.24	8
9	312.61	312.23	311.86	311.52	311.90	312.78	313.30	312.84	312.44	312.38	312.26	312.25	9
10	312.60	312.23	311.84	311.52	311.94	312.82	313.30	312.82	312.43	312.38	312.26	312.25	10
11	312.58	312.23	311.83	311.52	311.97	312.86	313.29	312.82	312.43	312.38	312.25	312.26	11
12	312.58	312.22	311.82	311.52	311.98	312.88	313.28	312.82	312.42	312.38	312.24	312.26	12
13	312.57	312.22	311.80	311.52	312.00	312.92	313.28	312.80	312.41	312.39	312.24	312.26	13
14	312.56	312.22	311.78	311.52	312.02	312.93	313.26	312.78	312.40	312.40	312.23	312.26	14
15	312.54	312.22	311.75	311.52	312.04	312.94	313.24	312.77	312.39	312.40	312.22	312.27	15
16	312.53	312.22	311.73	311.53	312.04	312.97	313.22	312.76	312.38	312.39	312.22	312.26	16
17	312.52	312.22	311.72	311.53	312.06	313.00	313.21	312.73	312.38	312.40	312.20	312.26	17
18	312.50	312.20	311.70	311.54	312.08	313.02	313.19	312.72	312.39	312.39	312.20	312.24	18
19	312.48	312.18	311.70	311.55	312.10	313.06	313.16	312.70	312.39	312.39	312.20	312.24	19
20	312.48	312.17	311.68	311.56	312.12	313.07	313.16	312.68	312.38	312.40	312.20	312.22	20
21	312.44	312.14	311.67	311.57	312.13	313.08	313.12	312.68	312.38	312.40	312.19	312.21	21
22	312.42	312.10	311.66	311.58	312.14	313.09	313.10	312.65	312.38	312.41	312.19	312.20	22
23	312.38	312.08	311.66	311.60	312.16	313.08	313.10	312.62	312.38	312.40	312.20	312.19	23
24	312.36	312.06	311.65	311.61	312.16	313.09	313.08	312.61	312.38	312.41	312.19	312.18	24
25	312.33	312.04	311.64	311.62	312.18	313.10	313.07	312.61	312.39	312.41	312.19	312.18	25
26	312.32	312.04	311.61	311.64	312.20	313.12	313.06	312.60	312.39	312.41	312.19	312.17	26
27	312.31	312.03	311.60	311.65	312.22	313.13	313.04	312.58	312.40	312.41	312.19	312.17	27
28	312.30	312.01	311.58	311.66	312.26	313.14	313.02	312.57	312.40	312.40	312.20	312.17	28
29	312.30		311.58	311.70	312.31	313.16	313.00	312.56	312.39	312.38	312.21	312.17	29
30	312.29		311.56	311.70	312.36	313.18	313.00	312.54	312.38	312.38	312.22	312.17	30
31	312.28		311.54		312.41		312.98	312.53		312.38		312.17	31
MEAN	312.51	312.18	311.76	311.56	312.04	312.91	313.18	312.74	312.42	312.39	312.24	312.22	MEAN
MAX	312.73	312.28	312.00	311.70	312.41	313.18	313.30	312.96	312.54	312.41	312.37	312.27	MAX
MIN	312.28	312.01	311.54	311.52	311.72	312.45	312.98	312.53	312.38	312.36	312.19	312.17	MIN

WATER LEVELS IN METRES

MEAN, 312.35
MAXIMUM DAILY, 313.30 ON JUL 8
MINIMUM DAILY, 311.52 ON APR 4

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 46 10 N
LONG 86 33 05 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LONG LAKE DIVERSION TO LAKE SUPERIOR - STATION NO. 04JD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	50.9	19.8	42.8	32.8	38.0	22.7	34.0	33.3	23.2	0	24.6	0	1
2	49.5	19.6	43.2	33.1	38.4	26.4	34.4	33.6	23.0	0	24.6	0	2
3	48.1	19.0	43.2	33.7	39.6	29.6	34.4	33.6	22.4	0	24.3	0	3
4	47.1	18.8	42.8	34.6	40.3	29.6	35.3	33.3	23.5	0	24.3	0	4
5	46.4	18.6	42.5	34.3	40.9	29.3	35.3	32.4	23.0	0	24.6	0	5
6	46.0	18.6	41.9	33.1	41.6	31.4	35.3	32.0	21.8	0	24.9	0	6
7	45.7	18.5	41.2	33.1	42.2	31.1	34.7	31.8	21.6	0	24.3	0	7
8	45.4	18.6	40.9	33.4	43.2	32.7	34.7	31.4	22.4	0	24.3	0	8
9	45.1	18.5	40.3	33.7	43.8	33.6	35.6	31.1	21.3	0	23.7	0	9
10	44.7	18.5	40.3	33.7	45.1	33.6	40.6	31.4	21.6	0	23.7	0	10
11	44.3	37.7	39.6	32.2	46.1	33.6	49.0	30.2	21.0	0	23.7	0	11
12	49.7	51.9	39.0	32.2	46.5	33.0	48.3	30.2	20.5	0	22.6	0	12
13	54.4	50.1	38.7	33.7	47.1	33.3	48.6	29.9	20.5	0	22.0	0	13
14	53.0	49.8	37.7	31.6	47.8	34.2	48.3	28.7	13.1	0	22.0	0	14
15	60.5	48.8	38.0	31.3	48.5	34.5	47.6	29.6	0	0	22.0	10.9	15
16	57.4	47.8	37.4	34.6	48.5	34.8	47.3	29.0	0	0	22.0	29.6	16
17	55.7	47.5	37.4	34.6	49.1	34.8	46.9	27.8	0	0	11.2	29.3	17
18	54.3	47.1	37.1	31.6	50.1	35.5	46.2	27.6	0	0	0	29.0	18
19	52.3	46.8	36.8	32.2	50.8	38.0	45.2	27.0	0	0	0	28.7	19
20	51.7	46.5	36.5	31.3	28.0	39.0	45.9	26.4	0	0	0	27.8	20
21	44.1	45.8	35.5	33.1	29.1	39.7	44.9	26.1	0	0	0	27.2	21
22	40.2	45.1	34.9	34.9	37.2	40.3	43.5	25.8	0	0	0	28.1	22
23	33.5	45.1	34.9	36.8	36.9	40.7	38.6	26.1	0	0	0	20.2	23
24	28.2	44.8	34.6	36.2	36.6	41.3	36.1	26.1	0	0	0	9.30	24
25	28.4	44.8	34.0	36.5	36.6	40.0	36.8	25.5	0	0	0	9.50	25
26	25.5	44.2	34.0	36.8	36.3	34.1	36.4	25.2	0	0	0	9.50	26
27	20.1	43.5	34.0	37.4	36.3	31.2	35.2	25.2	0	10.4	0	9.70	27
28	20.1	43.5	33.7	36.0	36.0	31.8	34.5	24.4	0	26.7	0	9.50	28
29	19.9		33.4	38.4	21.2	33.1	33.9	23.8	0	25.8	0	9.50	29
30	19.8		33.7	38.0	15.9	34.0	33.6	23.5	0	25.2	0	9.30	30
31	19.6		33.1		19.2		33.0	23.0		24.6		9.90	31
TOTAL	1 301.6	1 019.3	1 173.1	1 026.9	1 216.9	1 016.9	1 234.1	885.0	298.9	112.7	388.8	311.00	TOTAL
MEAN	42.0	36.4	37.8	34.2	39.3	33.9	39.8	28.5	9.96	3.64	13.0	10.0	MEAN
MAX	60.5	51.9	43.2	38.4	50.8	41.3	49.0	33.6	23.5	26.7	24.9	29.6	MAX
MIN	19.6	18.5	33.1	31.3	15.9	22.7	33.0	23.0	0	0	0	0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.4
MAXIMUM DAILY, 60.5 ON JAN 15
MINIMUM DAILY, 0 ON SEP 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 04 04 N
LONG 87 04 09 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	112 000	JUL	107 000
FEB	88 100	AUG	76 500
MAR	101 000	SEP	25 800
APR	88 700	OCT	9 740
MAY	105 000	NOV	33 600
JUN	87 900	DEC	26 900

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED SINCE 1939

TOTAL DISCHARGE, 862 000 dam³

LONG-LEGGED RIVER BELOW LONG-LEGGED LAKE - STATION NO. 05QE012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.42	1.36	1.15	1.13	1.21	1.08	4.02	2.33	4.04	3.27	2.80	2.29	1
2	1.38	1.32	1.13	1.13	1.17	1.08	4.11	2.22	3.69	3.13	2.80	2.26	2
3	1.36	1.33	1.10	1.15	1.22	1.09	4.31	2.15	3.67	3.05	2.78	2.13	3
4	1.35	1.33	1.10	1.14	1.24	1.06	4.33	2.13	3.48	3.14	2.76	2.13	4
5	1.34	1.32	1.10	1.12	1.19	1.11	4.41	2.48	3.25	3.23	2.88	2.10	5
6	1.38	1.34	1.11	1.11	1.17	1.09	4.33	4.81	3.84	3.28	2.73	2.09	6
7	1.34	1.33	1.11	1.13	1.17	1.03	4.23	5.26	4.84	3.10	2.74	2.12	7
8	1.33	1.31	1.10	1.12	1.17	1.06	4.27	5.70	4.86	2.95	2.83	2.10	8
9	1.36	1.29	1.10	1.11	1.14	1.06	4.16	5.97	4.85	2.90	2.52	2.08	9
10	1.35	1.27	1.10	1.13	1.09	1.03	4.05	5.97	4.84	3.05	2.61	2.10	10
11	1.35	1.25	1.10	1.12	1.08	1.06	3.99	5.98	4.89	3.04	2.52	2.07	11
12	1.35	1.23	1.09	1.11	1.09	1.04	3.89	6.03	4.76	3.00	2.52	2.08	12
13	1.39	1.22	1.09	1.14	1.10	1.02	3.77	5.90	4.66	3.05	2.53	2.07	13
14	1.39	1.22	1.07	1.10	1.10	1.11	3.56	5.91	4.52	3.11	2.54	2.06	14
15	1.37	1.25	1.08	1.09	1.09	1.54	3.40	5.69	4.32	3.10	2.49	2.10	15
16	1.35	1.25	1.07	1.11	0.982	1.75	3.50	5.45	4.13	3.05	2.57	2.10	16
17	1.36	1.24	1.06	1.11	0.954	1.72	3.74	5.34	3.91	3.25	2.61	2.00	17
18	1.36	1.24	1.05	1.10	0.971	1.93	3.63	5.31	3.85	3.32	2.56	1.93	18
19	1.35	1.25	1.03	1.13	0.967	1.95	3.58	5.31	3.72	3.11	2.44	1.92	19
20	1.33	1.23	1.05	1.09	0.970	2.03	3.52	5.12	3.55	3.09	2.35	1.97	20
21	1.34	1.23	1.05	1.10	0.942	2.04	3.37	4.94	3.37	2.95	2.24	2.01	21
22	1.34	1.21	1.07	1.17	0.952	2.06	3.20	4.81	3.23	2.91	2.21	2.05	22
23	1.33	1.21	1.05	1.20	1.04	2.06	3.09	4.77	3.14	2.84	2.20	2.06	23
24	1.32	1.20	1.04	1.20	1.04	2.16	3.09	4.60	3.19	2.77	2.19	2.04	24
25	1.33	1.18	1.05	1.19	1.08	2.32	2.97	4.56	3.07	2.83	2.18	2.05	25
26	1.39	1.16	1.07	1.23	1.10	2.54	2.83	4.48	3.21	2.68	2.24	2.02	26
27	1.34	1.16	1.05	1.25	1.12	2.74	2.73	4.33	3.74	2.79	2.35	2.03	27
28	1.33	1.16	1.08	1.25	1.11	3.26	2.64	4.20	3.44	2.66	2.31	1.98	28
29	1.31		1.09	1.24	1.16	3.80	2.52	4.02	3.26	2.67	2.28	1.92	29
30	1.31		1.09	1.22	1.15	3.98	2.43	3.90	3.15	2.70	2.28	1.94	30
31	1.33		1.09		1.12		2.39	3.91		2.78		1.95	31
TOTAL	41.88	35.09	33.52	34.42	33.888	52.80	110.06	143.58	116.47	92.80	75.06	63.75	TOTAL
MEAN	1.35	1.25	1.08	1.15	1.09	1.76	3.55	4.63	3.88	2.99	2.50	2.06	MEAN
MAX	1.42	1.36	1.15	1.25	1.24	3.98	4.41	6.03	4.89	3.32	2.88	2.29	MAX
MIN	1.31	1.16	1.03	1.09	0.942	1.02	2.39	2.13	3.07	2.66	2.18	1.92	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.28
MAXIMUM DAILY, 6.03 ON AUG 12
MINIMUM DAILY, 0.942 ON MAY 21
MAXIMUM INSTANTANEOUS,
6.12 AT 03:20 CST ON AUG 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 40 37 N
LONG 93 58 13 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 620	JUL	9 510
FEB	3 030	AUG	12 400
MAR	2 900	SEP	10 100
APR	2 970	OCT	8 020
MAY	2 930	NOV	6 490
JUN	4 560	DEC	5 510

NATURAL FLOW

TOTAL DISCHARGE, 72 000 dam³

LUCKNOW RIVER AT LUCKNOW - STATION NO. 02FD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.564B	0.492B	4.46	2.68	0.990	0.424	0.152	0.075	0.403	0.507	0.570	1.61	1
2	0.518B	0.478B	3.15	2.03	0.830	0.379	0.145	0.059	0.613	0.876	0.523	3.44	2
3	0.492B	0.460B	2.14 B	1.64	0.756	0.406	0.125	0.069	0.347	0.860	0.491	2.44	3
4	0.464B	0.444B	1.89 B	1.52	0.690	0.904	0.133	0.160	2.29	0.638	0.466	1.74	4
5	0.448B	0.425B	1.75 B	1.42	0.655	0.699	0.122	0.343	2.05	0.521	0.490	1.33	5
6	0.435B	0.412B	1.63 B	1.24	0.679	0.510	0.117	0.204	0.863	0.660	0.947	1.12	6
7	0.418B	0.402B	1.56 B	1.11	0.606	0.431	0.106	0.134	0.519	1.07	1.09	1.03	7
8	0.398B	0.396B	1.49 B	1.02	0.577	0.400	0.090	0.147	0.455	0.909	0.855	1.28	8
9	0.384B	0.385B	1.76	1.75	0.554	0.415	0.078	0.114	0.398	0.664	0.726	1.12	9
10	0.376B	0.379B	1.91	1.60	0.858	0.402	0.066	0.111	0.327	0.533	0.608	0.885B	10
11	0.368B	1.01 B	1.79	1.28	4.74	0.419	0.064	0.099	0.285	0.457	0.557	0.795B	11
12	0.359B	1.19 B	1.74	1.13	5.17	0.363	0.066	0.083	0.244	0.413	0.519	0.740B	12
13	0.354B	1.28 B	1.80	0.989	2.73	0.358	0.056	0.089	0.211	0.356	0.491	0.700B	13
14	0.348B	1.38 B	1.58	2.18	1.82	0.367	0.059	0.085	0. 39	0.342	0.529	0.668B	14
15	0.342B	1.43 B	1.46 B	2.36	1.51	0.435	0.052	0.258	0.177	0.367	0.463	0.642B	15
16	0.338B	1.68 B	1.33 B	1.60	1.44	0.411	0.047	0.273	0.155	0.394	0.389	0.605B	16
17	0.334B	3.22 B	1.24 B	1.45	1.26	0.385	0.051	0.160	0.153	0.368	0.428	0.594B	17
18	0.330B	6.25 B	1.13 B	1.36	1.05	0.341	0.051	0.120	0.151	0.810	0.420	0.575B	18
19	0.323B	10.1 B	1.09	1.17	0.913	0.301	0.063	0.105	0.156	1.72	0.479	0.555B	19
20	0.319B	11.9 B	1.01	1.06	0.807	0.274	0.046	0.093	0.171	1.64	1.93	0.540B	20
21	0.316B	10.3	0.999	0.930	0.728	0.286	0.048	0.079	0.212	1.15	2.44	0.528B	21
22	0.312B	9.43	1.11	0.876	0.657	0.399	0.044	0.068	0.247	1.02	1.69	0.516B	22
23	0.309B	16.8	1.53	0.928	0.621	0.559	0.032	0.075	0.213	1.13	1.14	0.518B	23
24	0.307B	12.7	1.92	1.03	0.591	0.346	0.031	0.078	0.184	1.09	0.907	0.555B	24
25	0.319B	7.40	2.08	0.959	0.599	0.260	0.026	0.067	0.163	1.05	0.788	0.538B	25
26	0.388B	5.19	1.99	0.855	0.587	0.217	0.036	0.065	0.246	0.990	1.12	0.520B	26
27	0.468B	3.99	2.02	0.763	0.544	0.177	0.052	0.062	0.663	0.877	3.94	0.508B	27
28	0.462B	4.86	2.28	1.00	0.572	0.157	0.163	0.306	0.530	0.817	2.32	0.496B	28
29	0.459B		2.78	1.53	0.532	0.139	0.333	0.680	0.367	0.744	1.56	0.488B	29
30	0.444B		4.31	1.28	0.498	0.135	0.156	0.414	0.305	0.665	1.21	0.480B	30
31	0.439B		4.16		0.464		0.098	0.260		0.619		0.478B	31
TOTAL	12.135	114.383	61.089	40.740	35.028	11.299	2.708	4.935	13.287	24.257	30.086	28.030	TOTAL
MEAN	0.391	4.09	1.97	1.36	1.13	0.377	0.087	0.159	0.443	0.782	1.00	0.904	MEAN
MAX	0.564	16.8	4.46	2.68	5.17	0.904	0.333	0.680	2.29	1.72	3.94	3.44	MAX
MIN	0.307	0.379	0.999	0.763	0.464	0.135	0.026	0.059	0.151	0.342	0.389	0.478	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.04
MAXIMUM DAILY, 16.8 ON FEB 23
MINIMUM DAILY, 0.026 ON JUL 25
MAXIMUM INSTANTANEOUS,
18.6 AT 14:39 EST ON FEB 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 57 44 N
LONG 81 30 55 W
DRAINAGE AREA, 54.9 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 050	JUL	234
FEB	9 880	AUG	426
MAR	5 280	SEP	1 150
APR	3 520	OCT	2 100
MAY	3 030	NOV	2 600
JUN	976	DEC	2 420

TOTAL DISCHARGE, 32 700 dam³

LUTTERAL CREEK NEAR OUSTIC - STATION NO. 02GA033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.405B	0.185B	2.13	2.17	0.628	0.390	0.085	0.027	0.804	0.375	0.975	0.797	1
2	0.380B	0.276B	1.47 B	1.84	0.525	0.243	0.272	0.089	0.652	0.753	0.836	1.02	2
3	0.360B	0.263B	1.38 B	1.45	0.555	0.248	0.046	0.127	1.12	0.606	0.780	1.13	3
4	0.340B	0.259B	1.27 B	1.33	0.493	0.308	0.101	0.322	2.85	0.543	0.735	0.954	4
5	0.315B	0.252B	1.05	1.26	0.384	0.298	2.31	0.341	2.42	0.455	0.666	0.853	5
6	0.327B	0.260B	0.980B	1.11	0.384	0.119	2.33	0.480	1.67	0.663	0.681	0.717	6
7	0.315B	0.265B	0.920B	0.938	0.350	0.141	2.02	0.329	1.20	1.01	0.700	0.634	7
8	0.305B	0.260B	0.919	0.851	0.316	0.321	1.27	0.122	0.802	0.819	0.674	0.617	8
9	0.295B	0.254B	0.885	0.711	0.222	0.181	0.740	0.945	0.520	0.675	0.632	0.499	9
10	0.280B	0.250B	0.890	0.663	0.496	0.180	0.493	1.07	0.565	0.550	0.556	0.457	10
11	0.270B	1.27 B	0.858	0.614	1.32	0.226	0.206	1.15	0.417	0.427	0.551	0.369	11
12	0.262B	1.24 B	0.798	0.566	1.43	0.239	0.204	0.910	0.261	0.366	0.529	0.340	12
13	0.252B	1.20 B	0.760B	0.548	1.26	0.123	0.273	0.630	0.257	0.379	0.502	0.296	13
14	0.242B	1.15 B	0.740B	1.16	1.08	0.196	0.158	0.576	0.300	0.304	0.465	0.292	14
15	0.235B	1.10 B	0.740	1.60	0.887	0.349	0.156	0.750	0.278	0.295	0.456	0.310	15
16	0.238B	1.05 B	0.679	1.34	0.831	0.249	0.173	1.04	0.218	0.404	0.648	0.346	16
17	0.240B	1.02 B	0.646	1.18	0.735	0.269	0.202	0.726	0.228	0.359	1.17	0.309	17
18	0.232B	2.00 B	0.590B	1.12	0.599	0.198	0.014	0.603	0.170	0.637	1.22	0.295B	18
19	0.225B	3.50 B	0.550B	1.04	0.484	0.255	0.104	0.440	0.064	0.938	1.19	0.280B	19
20	0.225B	9.94 B	0.526	0.908	0.333	0.099	0.288	0.406	0.154	0.815	1.31	0.270B	20
21	0.232B	11.0 B	0.460B	0.694	0.423	0.139	0.141	0.265	0.246	0.760	1.58	0.253	21
22	0.228B	7.21 B	0.374	0.613	0.296	0.610	0.038	0.116	0.269	0.915	1.45	0.243	22
23	0.216B	6.80 B	0.459	0.605	0.096	0.786	0.290	0.145	0.382	1.25	1.24	0.280	23
24	0.220B	6.64	0.518	0.876	0.155	0.508	0.024	0.328	0.247	1.50	0.982	0.234	24
25	0.240B	4.07	0.557	0.823	0.338	0.574	0.061	0.100	0.205	1.35	0.770	0.230B	25
26	0.220B	2.78	0.626	0.757	0.307	0.463	0.077	0.069	0.340	1.16	0.676	0.228B	26
27	0.212B	2.30	0.795	0.678	0.285	0.137	0.284	0.098	0.349	1.38	1.07	0.228	27
28	0.202B	2.14	0.866	0.634	0.307	0.143	0.138	0.325	0.393	3.05	1.23	0.223	28
29	0.198B		0.907	0.687	0.333	0.219	0.413	0.268	0.224	2.59	1.07	0.242	29
30	0.190B		1.45	0.672	0.274	0.153	0.423	0.618	0.269	1.79	0.932	0.251	30
31	0.189B		2.18		0.267		0.277	0.933		1.27		0.251	31
TOTAL	8.090	68.934	27.973	29.438	16.393	8.364	13.611	14.348	17.874	28.388	26.276	13.448	TOTAL
MEAN	0.261	2.46	0.902	0.981	0.529	0.279	0.439	0.463	0.596	0.916	0.876	0.434	MEAN
MAX	0.405	11.0	2.18	2.17	1.43	0.786	2.33	1.15	2.85	3.05	1.58	1.13	MAX
MIN	0.189	0.185	0.374	0.548	0.096	0.099	0.014	0.027	0.064	0.295	0.456	0.223	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.748
MAXIMUM DAILY, 11.0B ON FEB 21
MINIMUM DAILY, 0.014 ON JUL 18

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 39 46 N
LONG 80 15 19 W
DRAINAGE AREA, 64.8 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	699	JUL	1 180
FEB	5 960	AUG	1 240
MAR	2 420	SEP	1 540
APR	2 540	OCT	2 450
MAY	1 420	NOV	2 270
JUN	723	DEC	1 160

TOTAL DISCHARGE, 23 600 dam³

LYN CREEK NEAR LYN - STATION NO. 02MB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.446B	0.208B	5.34	1.11	1.12	1.12	0.331	0.058	0.045	0.890	3.46	1.36 B	1
2	0.437B	0.205B	4.78	1.39	0.997	0.879	0.303	0.046	0.048	0.828	2.92	1.27	2
3	0.421B	0.202B	3.69	1.21	0.902	0.783	0.287	0.039	0.049	0.806	2.54	1.40	3
4	0.408B	0.201B	3.02	1.11	0.808	0.834	0.254	0.036	0.054	0.779	2.26	1.39	4
5	0.397B	0.200B	2.64	1.69	0.752	0.994	0.223	0.034	0.068	0.727	2.02	1.28	5
6	0.387B	0.198B	2.29	1.74	0.809	0.955	0.201	0.028	0.074	0.707	2.45	1.08 B	6
7	0.375B	0.197B	2.17	1.31	0.673	0.915	0.191	0.026	0.079	0.942	4.35	0.950B	7
8	0.368B	0.195B	2.09	1.07	0.609	0.772	0.160	0.036	0.083	1.39	4.32	0.823	8
9	0.352B	0.194B	2.12	0.971	0.555	0.822	0.140	0.052	0.080	1.39	3.68	0.761	9
10	0.344B	0.348B	2.05	0.954	0.473	0.761	0.131	0.045	0.140	1.19	2.99	0.737	10
11	0.332B	2.80 B	1.93	0.968	0.722	0.621	0.113	0.041	0.289	0.966	2.59	0.705	11
12	0.319B	7.00 B	1.83	0.952	1.28	0.527	0.097	0.038	0.311	0.883	2.29	0.692	12
13	0.305B	5.45 B	1.72	0.816	1.31	0.471	0.084	0.036	0.248	0.964	1.96	0.682	13
14	0.295B	4.05 B	1.57	0.975	1.00	0.449	0.077	0.033	0.202	0.881	1.83	0.675	14
15	0.284B	3.38 B	1.44	1.26	0.882	0.477	0.068	0.070	0.195	0.718	1.78	0.672	15
16	0.274B	3.12 B	1.44	1.04	1.58	0.474	0.057	0.347	0.166	0.627	1.66	0.666	16
17	0.268B	4.50 B	1.24	0.939	2.07	0.438	0.048	0.401	0.156	0.550	1.68	0.615	17
18	0.261B	7.40 B	1.07 B	1.21	1.58	0.370	0.046	0.276	0.190	0.649	1.76	0.567	18
19	0.254B	12.5 B	1.07 B	1.32	1.13	0.307	0.045	0.187	0.209	1.00	1.69	0.453B	19
20	0.249B	18.7 B	1.01	1.09	0.908	0.275	0.051	0.129	0.169	0.976	1.76	0.370	20
21	0.244B	24.9 B	1.00	0.934	0.770	0.251	0.055	0.103	0.158	0.891	2.43	0.342	21
22	0.238B	18.2 B	1.04	0.851	0.659	0.473	0.056	0.084	0.194	0.965	2.81	0.360	22
23	0.233B	12.0 B	1.10	0.768	0.561	1.97	0.056	0.073	0.586	1.52	2.28	0.414	23
24	0.229B	16.2 B	1.07	0.978	0.531	1.67	0.051	0.072	1.15	2.05	1.83	0.392	24
25	0.224B	13.5	1.05	1.37	0.533	1.06	0.044	0.062	1.00	1.88	1.48	0.395	25
26	0.230B	9.34	0.973	1.33	0.430	0.776	0.041	0.053	0.836	2.27	1.32	0.425	26
27	0.242B	6.70	0.984	1.08	0.816	0.702	0.041	0.052	0.954	4.58	1.64	0.451	27
28	0.232B	5.78	0.954	0.943	2.27	0.598	0.041	0.048	1.49	13.4	2.15	0.474	28
29	0.221B		0.906	1.04	2.96	0.475	0.071	0.042	1.33	10.1	1.93	0.440B	29
30	0.216B		0.950	1.31	2.03	0.395	0.080	0.043	1.08	5.91	1.63B	0.437	30
31	0.212B		1.16		1.50		0.074	0.048		4.39		0.452	31
TOTAL	9.297	177.668	55.697	33.729	33.220	21.614	3.517	2.638	11.633	65.819	69.49	21.730	TOTAL
MEAN	0.300	6.35	1.80	1.12	1.07	0.720	0.113	0.085	0.388	2.12	2.32	0.701	MEAN
MAX	0.446	24.9	5.34	1.74	2.96	1.97	0.331	0.401	1.49	13.4	4.35	1.40	MAX
MIN	0.212	0.194	0.906	0.768	0.430	0.251	0.041	0.026	0.045	0.550	1.32	0.342	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.39
MAXIMUM DAILY, 24.9B ON FEB 21
MINIMUM DAILY, 0.026 ON AUG 7

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 31 30 N
LONG 75 48 19 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	803	JUL	304
FEB	15 400	AUG	228
MAR	4 810	SEP	1 010
APR	2 910	OCT	5 690
MAY	2 870	NOV	6 000
JUN	1 870	DEC	1 880

TOTAL DISCHARGE, 43 800 dam³

LYNDE CREEK NEAR WHITBY - STATION NO. 02HC018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.261B	0.400B	1.85	1.39	0.567	0.485	0.327	0.305	0.399	0.425	1.13	1.04	1
2	0.258B	0.365B	1.54	1.19	0.496	0.416	0.261	0.207	0.490	0.458	1.02	1.30	2
3	0.258B	0.332B	1.23	0.975	0.478	0.409	0.197	0.271	0.612	0.438	0.925	1.22	3
4	0.251B	0.315B	1.48	0.926	0.487	0.539	0.197	1.42	5.84	0.410	0.871	1.03	4
5	0.250B	0.302B	1.14	0.884	0.460	0.463	1.09	2.29	4.15	0.414	0.833	0.855B	5
6	0.245B	0.288B	1.04 B	0.777	0.479	0.430	0.893	0.680	3.10	1.32	1.08	0.780B	6
7	0.242B	0.283B	1.05	0.682	0.408	0.372	0.444	0.431	1.88	1.28	1.20	0.685B	7
8	0.239B	0.276B	1.15	0.649	0.374	0.335	0.301	0.420	2.61	1.06	1.00	0.705B	8
9	0.235B	0.270B	1.14	0.655	0.426	0.346	0.238	0.413	1.21	0.790	0.923	0.795B	9
10	0.234B	0.268B	1.12	0.620	0.597	0.403	0.190	0.429	0.793	0.688	0.822	0.660B	10
11	0.233B	0.206B	1.11	0.606	2.03	0.416	0.166	0.534	0.681	0.611	0.782	0.580B	11
12	0.232B	10.0 B	0.984	0.601	2.22	0.336	0.160	1.57	0.621	0.571	0.753	0.530B	12
13	0.231B	8.30 B	0.955	0.578	1.28	0.305	0.143	0.573	0.512	0.538	0.708	0.500B	13
14	0.230B	7.10 B	0.848B	1.58	1.01	0.324	0.126	0.435	0.472	0.490	0.674	0.470B	14
15	0.230B	6.60 B	0.990	1.32	1.02	0.341	0.111	2.57	0.435	0.553	0.671	0.440B	15
16	0.230B	6.00 B	0.800B	0.932	0.944	0.534	0.106	1.95	0.397	0.583	1.05	0.415B	16
17	0.230B	6.40 B	0.730B	1.18	0.749	1.03	0.105	0.831	0.421	0.546	1.87	0.390B	17
18	0.230B	9.00 B	0.715B	1.28	0.603	0.524	0.162	0.549	0.431	2.33	1.39	0.380B	18
19	0.230B	15.0 B	0.695B	0.978	0.566	0.402	0.263	0.392	0.420	1.66	1.16	0.370B	19
20	0.230B	25.0 B	0.695B	0.895	0.468	0.340	0.544	0.360	0.421	1.01	2.42	0.360B	20
21	0.230B	17.0 B	0.690B	0.751	0.418	0.376	0.333	0.297	0.467	0.963	3.94	0.340B	21
22	0.230B	8.00 B	0.680B	0.711	0.393	0.763	0.256	0.273	0.669	1.97	1.97	0.326B	22
23	0.230B	4.00 B	0.695	0.749	0.359	0.767	0.195	0.268	0.534	3.59	1.36	0.420B	23
24	0.230B	7.00 B	0.722	0.925	0.333	0.457	0.171	0.276	0.429	2.05	1.20	0.460B	24
25	0.230B	3.47	0.775	0.884	0.373	0.373	0.171	0.243	0.380	1.30	1.03 B	0.440B	25
26	0.290B	2.36	0.752	0.731	0.387	0.359	0.177	0.263	0.408	1.63	0.992	0.410B	26
27	0.262B	1.83	0.780B	0.661	0.650	0.246	0.202	0.231	0.491	4.21	2.52	0.385B	27
28	0.245B	1.92	0.800B	0.609	0.949	0.208	0.522	0.396	0.441	5.07	1.72	0.375B	28
29	0.238B		0.808	0.686	0.808	0.177	0.947	0.394	0.393	1.90	1.29	0.360B	29
30	0.233B		1.80	0.668	0.701	0.199	0.436	0.366	0.380	1.41	1.07	0.345B	30
31	0.230B		1.94		0.582		0.299	0.425		1.20		0.330B	31
TOTAL	7.427	142.285	31.704	26.073	21.615	12.675	9.733	20.062	30.487	41.468	38.374	17.695	TOTAL
MEAN	0.240	5.08	1.02	0.869	0.697	0.423	0.314	0.647	1.02	1.34	1.28	0.571	MEAN
MAX	0.290	25.0	1.94	1.58	2.22	1.03	1.09	2.57	5.84	5.07	3.94	1.30	MAX
MIN	0.230	0.206	0.680	0.578	0.333	0.177	0.105	0.207	0.380	0.410	0.671	0.326	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.09
MAXIMUM DAILY, 25.0B ON FEB 20
MINIMUM DAILY, 0.105 ON JUL 17

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 52 32 N
LONG 78 57 43 W
DRAINAGE AREA, 106 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	642	JUL	841
FEB	12 300	AUG	1 730
MAR	2 740	SEP	2 630
APR	2 250	OCT	3 580
MAY	1 870	NOV	3 320
JUN	1 100	DEC	1 530

TOTAL DISCHARGE, 34 500 dam³

LYNN RIVER AT SIMCOE - STATION NO. 02GC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.15	1.26	3.13	1.85	2.32	1.21	1.29	0.804	0.768	2.57	1.56	1.57	1
2	1.13B	1.79	2.89	1.46	2.07	1.20	1.14	0.755	1.53	1.87	1.58	1.63	2
3	1.13B	1.45B	2.62	1.77	1.92	1.56	1.05	0.852	1.46	1.61	1.51	1.57	3
4	1.13B	1.23B	2.42	1.74	1.88	1.30	0.980	0.957	1.51	1.45	1.52	1.46	4
5	1.13B	1.15B	2.34	1.73	1.83	1.17	1.06	0.961	1.53	1.39	1.60	1.45	5
6	1.15	1.16	2.26	1.64	1.75	1.11	1.33	0.810	1.51	1.55	1.64	1.32	6
7	1.17	1.15	2.18	1.56	1.65	1.00	1.37	0.769	1.50	1.31	1.50	1.91	7
8	1.16	1.10	2.13	1.49	1.61	1.12	1.15	1.00	1.50	1.30	1.42	1.53	8
9	1.12	1.09	2.14	1.54	1.59	1.13	1.23	0.823	1.44	1.30	1.39	1.26	9
10	1.07	1.12	2.17	1.46	1.74	1.15	1.14	0.809	1.44	1.21	1.37	1.23	10
11	1.08B	7.96	2.17	1.58	2.11	1.03	1.01	1.04	1.43	1.18	1.32	1.23	11
12	1.07B	3.00B	2.13	1.53	2.05	1.00	0.894	0.875	1.41	1.16	1.31	1.22	12
13	1.06B	2.10B	2.06	1.58	1.87	1.26	0.871	0.838	1.40	1.15	1.29	1.18	13
14	1.04	1.90B	1.97	2.56	1.74	1.28	0.806	0.798	1.40	1.13	1.23	1.19	14
15	1.06	1.85	1.89	2.39	2.12	1.19	0.755	1.04	1.40	1.11	1.22	1.21	15
16	1.07	3.24	1.89	2.02	1.99	0.990	0.737	0.857	1.31	1.10	1.27	1.20	16
17	1.04	6.91	1.86	2.14	1.79	0.946	0.679	0.787	1.87	1.06	1.34	1.15	17
18	1.02	5.44	1.77	2.70	1.64	0.900	0.561	0.750	1.56	1.59	1.31	1.12	18
19	1.06	4.81	1.73	2.47	1.54	0.871	0.553	0.732	1.52	1.41	1.32	1.06	19
20	1.08	5.58	1.77	2.20	1.47	0.851	0.908	0.707	1.51	1.31	2.13	1.05	20
21	1.05	4.58	1.75	1.99	1.44	1.05	0.852	0.694	1.82	1.47	2.06	1.05	21
22	1.07	3.66	1.79	1.94	1.35	2.63	0.748	0.686	2.86	1.63	1.87	1.13	22
23	1.09	5.07	1.89	2.87	1.33	2.09	0.704	0.669	2.86	1.77	1.65	1.99	23
24	1.07	5.08	1.89	3.19	1.28	1.60	0.659	0.684	2.83	1.65	1.52	1.63	24
25	1.05	3.85	1.86	2.67	1.41	2.32	0.659	0.673	2.81	1.51	1.44	1.44	25
26	1.64	3.27	1.99	2.31	1.36	1.57	0.692	0.667	2.87	1.64	1.47	1.34	26
27	1.48	2.91	2.28	2.14	1.24	1.28	0.621	0.680	2.86	2.28	1.52	1.29	27
28	1.30	3.17	2.16	2.73	1.09	1.16	1.92	0.712	2.84	2.24	1.42	1.29	28
29	1.18B		2.02	2.94	1.46	1.09	1.49	0.713	2.80	2.04	1.37	1.27	29
30	1.10B		2.30	2.69	1.41	1.13	1.13	0.765	2.77	1.82	1.36	1.23	30
31	1.05B		2.25		1.25		0.948	0.969		1.66		1.22	31
TOTAL	35.00	86.88	65.70	62.88	51.30	38.188	29.937	24.876	56.318	47.47	44.51	41.42	TOTAL
MEAN	1.13	3.10	2.12	2.10	1.65	1.27	0.966	0.802	1.88	1.53	1.48	1.34	MEAN
MAX	1.64	7.96	3.13	3.19	2.32	2.63	1.92	1.04	2.87	2.57	2.13	1.99	MAX
MIN	1.02	1.09	1.73	1.46	1.09	0.851	0.553	0.667	0.768	1.06	1.22	1.05	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.60
MAXIMUM DAILY, 7.96 ON FEB 11
MINIMUM DAILY, 0.553 ON JUL 19
MAXIMUM INSTANTANEOUS,
12.5 AT 10:27 EST ON FEB 11

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 49 21 N
LONG 80 17 22 W
DRAINAGE AREA, 134 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 020	JUL	2 590
FEB	7 510	AUG	2 150
MAR	5 680	SEP	4 870
APR	5 430	OCT	4 100
MAY	4 430	NOV	3 850
JUN	3 300	DEC	3 580

TOTAL DISCHARGE, 50 500 dam³

MAD RIVER NEAR GLENCAIRN - STATION NO. 02ED005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.30B	2.70B	11.8	11.3	3.39	2.89	1.94	1.50	3.20	2.19	3.46	5.64	1
2	2.25B	2.65B	10.4	10.6	3.21	2.69	1.94	1.44	3.57	3.22	3.33	7.23	2
3	2.18B	2.62B	8.64	9.75	3.12	2.78	1.86	1.66	2.87	3.20	3.17	6.90	3
4	2.15B	2.45B	8.83	9.40	3.03	2.98	2.11	2.64	7.26	2.79	2.86	6.16	4
5	2.11B	2.38B	8.04	8.64	3.02	2.66	2.18	3.02	5.98	2.96	3.43	5.64	5
6	2.08B	2.32B	7.30	7.63	3.10	2.40	2.00	1.71	4.53	5.74	3.51	5.26	6
7	2.06B	2.25B	6.73	6.80	2.92	2.27	1.83	1.56	3.65	7.27	3.46	5.16	7
8	2.04B	2.22B	6.60	6.22	2.84	2.22	1.77	1.69	3.17	5.09	3.53	5.34	8
9	2.01B	2.18B	6.41	6.05	2.74	2.41	1.73	1.79	3.57	4.13	3.47	4.79	9
10	1.98B	2.15B	6.23	5.55	4.68	2.87	1.70	1.65	2.97	3.62	3.20A	4.63	10
11	1.95B	2.11B	5.90	5.43	17.1	3.02	1.60	1.66	2.56	3.43	3.36	4.75B	11
12	1.90B	2.09B	5.73	5.14	11.7	2.62	1.58	1.57	2.34	3.16	3.24	4.77B	12
13	1.85B	2.70B	5.72	4.77	7.84	2.38	1.50	1.48	2.20	2.86	2.98	4.72	13
14	1.82B	4.00B	5.47	5.74	6.62	2.46	1.42	1.50	2.10	2.95	2.63	4.71	14
15	1.80B	4.20B	5.65	5.42	7.10	2.43	1.37	2.13	2.02	3.02	3.00	4.76	15
16	1.78B	4.00B	5.44	4.92	6.75	2.50	1.35	1.97	1.94	2.80	5.47	4.57	16
17	1.75B	6.00B	5.12	4.70	5.59	2.42	1.39	1.70	1.88	3.16	6.65	4.30B	17
18	1.73B	9.00B	4.80B	6.71	4.83	2.22	1.57	1.50	1.92	4.42	5.50	4.00B	18
19	1.72B	34.5 B	4.60B	5.30	4.32	2.07	1.57	1.48	1.83	3.85	4.65	3.80B	19
20	1.70B	21.6 B	4.30B	5.03	3.94	1.97	1.58	1.43	2.00	3.38	5.12	4.60B	20
21	1.69B	18.6	4.50B	4.45	3.74	1.95	1.47	1.26	1.95	3.53	5.50	6.00B	21
22	1.68B	17.2	4.58	4.22	3.42	3.35	1.38	1.21	1.95	3.69	5.14	5.80B	22
23	1.67B	27.2	5.15	4.19	3.36	3.58	1.36	1.27	1.86	4.39	4.76	4.40B	23
24	1.66B	22.9	5.22	4.35	3.09	2.85	1.35	1.37	1.77	4.33	4.65	4.00B	24
25	1.65B	17.1	5.29	4.06	3.17	2.54	1.36	1.30	1.83	4.15	4.68	3.80B	25
26	1.64B	14.6	5.50	3.90	3.02	2.25	1.40	1.28	2.12	4.24	4.58	3.72B	26
27	1.63B	12.5	5.92	3.73	2.92	2.09	1.37	1.32	2.46	4.64	14.2	3.65B	27
28	1.62B	12.9	6.15	3.67	3.17	1.96	2.35	2.54	2.10	4.05	9.54	3.52B	28
29	1.60B		7.68	3.76	2.97	1.89	2.72	6.75	2.01	3.61	7.40	3.49B	29
30	2.00B		11.9	3.59	3.44	1.93	1.97	6.40	1.91	3.75	6.46	3.40B	30
31	2.35B		13.2		3.23		1.69	3.73		3.62		3.35B	31
TOTAL	58.35	257.12	208.60	175.02	143.37	74.65	52.41	63.51	81.52	117.24	142.93	146.86	TOTAL
MEAN	1.88	9.18	6.73	5.83	4.62	2.49	1.69	2.05	2.72	3.78	4.76	4.74	MEAN
MAX	2.35	34.5	13.2	11.3	17.1	3.58	2.72	6.75	7.26	7.27	14.2	7.23	MAX
MIN	1.60	2.09	4.30	3.59	2.74	1.89	1.35	1.21	1.77	2.19	2.63	3.35	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.17
MAXIMUM DAILY, 34.5B ON FEB 19
MINIMUM DAILY, 1.21 ON AUG 22

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 18 16 N
LONG 80 00 07 W
DRAINAGE AREA, 295 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 040	JUL	4 530
FEB	22 200	AUG	5 490
MAR	18 000	SEP	7 040
APR	15 100	OCT	10 100
MAY	12 400	NOV	12 300
JUN	6 450	DEC	12 700

TOTAL DISCHARGE, 131 000 dam³

MADAWASKA RIVER AT BARK LAKE DAM - STATION NO. 02KD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	70.1E	62.8 E	0.400E	43.3	5.60	47.0	20.8	9.50	11.1	36.7	46.3E	52.9	1
2	68.6	61.3	0.400	24.8	5.77E	42.0	20.5	9.50E	11.1	36.7	45.9	50.3	2
3	64.2E	65.1	19.5	16.0	5.93E	33.9	13.0	9.50	10.8	36.8E	44.7	47.9	3
4	59.9E	66.6	56.1	16.4 E	6.10	26.3	14.8 E	9.50	8.70	36.9E	44.5	50.0	4
5	55.5	68.4	87.8	16.8 E	5.20	31.0	16.5 E	10.7	28.4 E	37.0	43.6	48.5E	5
6	69.2	73.2	131	17.2	5.40	32.3E	18.3	10.3	48.1 E	38.8	42.3	47.1E	6
7	65.1	71.9 E	138 E	19.2	5.60	33.7E	20.4	5.00	67.8 E	40.4	41.8E	45.6	7
8	64.2	70.5 E	146 E	18.8	11.9	35.0	20.0	6.90E	87.5	40.1	41.2E	53.0	8
9	68.9	69.2	153	13.9	14.4 E	37.3	19.8	8.80E	84.2	40.9	40.7	58.6	9
10	64.7E	57.9	160	14.3	16.9 E	36.5	15.9	10.7	87.7	39.2E	39.3	57.1	10
11	60.5E	67.5	152	17.1 E	19.4	33.9	15.8 E	19.1	100	37.4E	39.1	57.7	11
12	56.3	67.5	126	19.8 E	36.0	29.6	15.7 E	21.4	99.4 E	35.7E	43.0	55.6E	12
13	60.5	67.5	97.8	22.6	69.1	28.5E	15.6	16.9	98.9 E	33.9	49.1	53.4E	13
14	57.2	66.4 E	90.6 E	15.3	103	27.4E	12.4	20.3	98.3	26.5	47.8E	51.3	14
15	65.1	65.4 E	83.4 E	7.40	114	26.3	12.0	22.4 E	97.3	27.5	46.6E	53.2	15
16	48.0	64.3	76.2	9.70	113	26.7	12.0	24.6 E	95.8	29.2	45.3	56.2	16
17	50.8	64.3	82.4	10.6 E	100	26.7	4.70	26.7	94.3	28.5E	43.7	62.7	17
18	58.2E	63.1	94.5	11.4 E	90.0 E	26.3	6.57E	26.7	91.9	27.7E	46.3	72.7	18
19	65.5	62.7	96.3	12.3 E	79.9	21.3	8.43E	20.1	84.5 E	27.0	51.4	69.9E	19
20	65.1	62.7	91.4	13.1 E	67.5	20.8E	10.3	16.3	77.2 E	23.3	54.7	67.2E	20
21	63.9	53.8 E	86.8 E	14.0	63.7	20.3E	9.50	15.9	69.8	25.3	52.2E	64.4	21
22	66.9	44.9 E	82.2 E	7.10	80.4	19.8	9.40	16.9 E	61.2	16.4	49.8E	65.1	22
23	67.8	36.0	77.6	7.80	79.6 E	20.0	9.50	17.9 E	60.1	33.4	47.3	64.9	23
24	66.6E	1.30	73.5	6.60	78.8 E	20.0	4.80	18.9	57.1	37.9E	50.0	69.3	24
25	65.5E	0.500	71.7	6.53E	78.0	20.0	6.37E	19.0	54.3	42.4E	56.3	68.1E	25
26	64.3	0.500	59.2	6.47E	63.9	16.6	7.93E	19.2	53.7 E	46.9	56.4	66.9	26
27	74.3	0.400	68.3	6.40	53.9	17.9E	9.50	17.1	53.2 E	52.6	53.9	69.1E	27
28	76.6	0.400E	65.4 E	5.20	53.9	19.1E	9.40	10.6	52.6	50.9	53.3E	71.2	28
29	68.0		62.6 E	5.60	53.9	20.4	9.40	11.4 E	44.3	49.1	52.6E	74.8	29
30	65.9		59.7	5.80	51.6 E	20.5	9.40	12.1 E	37.0	47.0	52.0	71.4	30
31	64.4E		52.6		49.3 E		5.00	12.9		46.6E		72.3	31
TOTAL	1 981.8	1 456.100	2 642.400	411.50	1 581.70	817.1	383.70	476.80	1 926.30	1 128.7	1 421.1	1 868.4	TOTAL
MEAN	63.9	52.0	85.2	13.7	51.0	27.2	12.4	15.4	64.2	36.4	47.4	60.3	MEAN
MAX	76.6	73.2	160	43.3	114	47.0	20.8	26.7	100	52.6	56.4	74.8	MAX
MIN	48.0	0.400	0.400	5.20	5.20	16.6	4.70	5.00	8.70	16.4	39.1	45.6	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 44.1
MAXIMUM DAILY, 160 ON MAR 10
MINIMUM DAILY, 0.400 ON FEB 27

TYPE OF GAUGE - MANUAL
LOCATION - LAT 45 24 59 N
LONG 77 47 17 W
DRAINAGE AREA, 2 720 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	171 000	JUL	33 200
FEB	126 000	AUG	41 200
MAR	228 000	SEP	166 000
APR	35 600	OCT	97 500
MAY	137 000	NOV	123 000
JUN	70 600	DEC	161 000

TOTAL DISCHARGE, 1 390 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

MADAWASKA RIVER AT PALMER RAPIDS - STATION NO. 02KD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	97.0	90.1	258	187	66.1	97.0	49.8	24.5	25.5	67.9	94.1	84.0	1
2	99.4B	89.3	253	191	65.6	86.3	45.0	24.1	25.6	67.8	93.6	85.2	2
3	99.7	89.0	251	171	65.0	70.6	41.4	24.2	25.5	68.0	93.4	86.2	3
4	99.5B	89.2	271	155	64.7	70.3	41.1	24.3	29.0	67.8	92.7	86.6	4
5	97.0	89.6	280	161	64.0	69.8	40.6	24.9	65.9	67.8	91.7	87.0	5
6	95.4	90.5	282	164	63.2	69.7	40.4	24.6	119	70.4	86.3	86.8	6
7	97.0	92.3	296	159	62.7	69.8	40.2	25.1	136	70.4	81.6	85.7	7
8	96.6	93.5	297	157	61.9	70.0	40.1	25.3	147	68.5	81.9	85.5	8
9	95.8	93.9	302	170	61.8	70.4	39.9	26.5	157	68.8	82.2	87.2	9
10	97.1B	93.5	314	170	61.7	70.5	37.6	26.1	165	68.8	82.2	88.2	10
11	96.7B	104	310	159	76.8	70.5	34.3	36.5	199	68.8	81.8	88.3	11
12	91.5B	108	286	160	108	63.7	34.2	50.1	209	69.0	81.3	89.3	12
13	88.1B	98.9	259	150	150	57.4	29.7	49.4	205	69.1	81.3	89.8	13
14	88.0B	99.9	213	128	186	57.1	24.0	48.7	191	68.6	81.5	89.8	14
15	88.2B	101	169	104	207	57.3	23.9	49.1	178	68.2	81.8	94.0	15
16	80.4	101	156	95.4	222	65.1	23.7	49.0	174	67.7	81.6	97.9	16
17	79.6	105	182	100	216	71.7	21.2	48.8	159	67.6	81.6	96.0	17
18	80.5	111	193	93.6	205	62.7	19.3	48.7	131	67.9	85.9	96.4	18
19	83.1	111	195	86.3	187	47.4	19.7	44.5	120	67.3	89.8	97.8	19
20	89.7	130	183	86.6	165	41.0	20.1	35.6	122	68.1	90.2	98.3	20
21	95.2	154	171	78.5	153	41.0	20.1	35.2	122	71.4	91.4	97.5	21
22	94.5	164	167	65.9	153	41.7	24.0	35.1	121	71.2	91.4	97.3	22
23	95.4	158	170	57.9	152	42.5	33.3	35.0	107	76.9	90.3	97.4	23
24	94.5	172	171	47.4	149	43.0	33.5	34.9	95.4	83.6	88.9	97.5	24
25	92.6	221	163	47.9	146	51.9	33.0	34.7	95.3	83.5	88.4	97.4	25
26	91.0	226	155	48.3	118	54.6	32.9	34.5	95.4	93.2	88.8	96.6	26
27	90.8	243	151	57.8	90.3	50.4	32.8	30.4	95.6	104	95.8	96.9	27
28	91.6	260	148	67.7	85.5	50.1	29.0	24.8	81.9	98.8	102	97.3	28
29	92.7		144	67.5	86.7	50.1	24.7	24.9	65.5	93.5	98.7	98.6	29
30	92.6		148	66.8	87.5	49.9	24.7	24.9	67.7	94.3	90.6	99.2	30
31	91.2		170		88.0		24.8	25.2		94.3		99.5	31
TOTAL	2 862.4	3 578.7	6 708	3 453.6	3 668.5	1 813.5	979.0	1 049.6	3 530.3	2 333.2	2 642.8	2 875.2	TOTAL
MEAN	92.3	128	216	115	118	60.5	31.6	33.9	118	75.3	88.1	92.7	MEAN
MAX	99.7	260	314	191	222	97.0	49.8	50.1	209	104	102	99.5	MAX
MIN	79.6	89.0	144	47.4	61.7	41.0	19.3	24.1	25.5	67.3	81.3	84.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 97.2
MAXIMUM DAILY, 314 ON MAR 10
MINIMUM DAILY, 19.3 ON JUL 18
MAXIMUM INSTANTANEOUS,
320 AT 20:52 EST ON MAR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 19 39 N
LONG 77 30 50 W
DRAINAGE AREA, 5 800 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	247 000	JUL	84 600
FEB	309 000	AUG	90 700
MAR	580 000	SEP	305 000
APR	298 000	OCT	202 000
MAY	317 000	NOV	228 000
JUN	157 000	DEC	248 000

TOTAL DISCHARGE, 3 070 000 dam³

MADAWASKA RIVER AT STEWARTVILLE - STATION NO. 02KE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	90.0	90.0	386	222	57.0	90.0	51.0	13.0	33.0	60.0	116	93.0	1
2	113	102	384	267	46.0	118	56.0	15.0	23.0	59.0	113	99.0	2
3	136	97.0	380	281	44.0	117	55.0	14.0	28.0	69.0	113	97.0	3
4	103	82.0	382	43.0	50.0	60.0	39.0	22.0	43.0	57.0	111	108	4
5	108	90.0	381	91.0	98.0	78.0	44.0	38.0	129	92.0	141	110	5
6	100	63.0	386	138	49.0	78.0	44.0	77.0	155	68.0	142	110	6
7	82.0	100	423	51.0	55.0	90.0	48.0	37.0	132	92.0	127	100	7
8	96.0	71.0	443	33.0	70.0	63.0	42.0	1.00	134	93.0	38.0	108	8
9	106	89.0	418	160	62.0	76.0	43.0	7.00	142	82.0	131	72.0	9
10	120	103	397	139	64.0	78.0	48.0	60.0	178	85.0	128	108	10
11	56.0	131	381	167	97.0	70.0	30.0	48.0	247	69.0	58.0	106	11
12	99.0	125	394	183	153	84.0	11.0	82.0	236	91.0	102	93.0	12
13	100	111	404	196	170	76.0	43.0	25.0	262	90.0	100	99.0	13
14	86.0	81.0	363	192	208	57.0	36.0	42.0	231	62.0	88.0	101	14
15	88.0	101	352	180	230	80.0	24.0	36.0	242	88.0	101	106	15
16	91.0	88.0	332	148	221	87.0	24.0	15.0	201	78.0	100	108	16
17	88.0	135	231	43.0	232	95.0	23.0	60.0	195	82.0	100	113	17
18	68.0	136	141	107	205	63.0	32.0	46.0	164	78.0	105	101	18
19	71.0	142	171	76.0	215	88.0	19.0	44.0	133	84.0	101	106	19
20	90.0	132	220	86.0	215	58.0	26.0	47.0	140	75.0	121	89.0	20
21	79.0	212	242	108	190	4.00	28.0	45.0	131	89.0	120	114	21
22	82.0	296	221	85.0	157	65.0	19.0	16.0	130	111	112	96.0	22
23	83.0	330	185	78.0	113	63.0	18.0	24.0	118	89.0	111	123	23
24	86.0	382	186	63.0	115	49.0	34.0	42.0	99.0	96.0	94.0	111	24
25	83.0	485	177	19.0	155	65.0	42.0	39.0	101	92.0	112	95.0	25
26	84.0	396	222	42.0	185	58.0	20.0	28.0	108	97.0	108	99.0	26
27	91.0	386	157	43.0	162	48.0	31.0	36.0	121	140	115	98.0	27
28	97.0	381	183	30.0	92.0	40.0	26.0	39.0	108	158	130	101	28
29	97.0		187	41.0	80.0	55.0	27.0	37.0	95.0	151	121	135	29
30	92.0		211	63.0	69.0	60.0	31.0	0	68.0	139	106	106	30
31	94.0		188		89.0		18.0	25.0		118		111	31
TOTAL	2 859.0	4 937.0	9 128	3 375.0	3 948.0	2 113.00	1 032.0	1 060.00	4 127.0	2 834.0	3 265.0	3 216.0	TOTAL
MEAN	92.2	176	294	113	127	70.4	33.3	34.2	138	91.4	109	104	MEAN
MAX	136	485	443	281	232	118	56.0	82.0	262	158	142	135	MAX
MIN	56.0	63.0	141	19.0	44.0	4.00	11.0	0	23.0	57.0	38.0	72.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 115
MAXIMUM DAILY, 485 ON FEB 25
MINIMUM DAILY, 0 ON AUG 30

DATA CONTRIBUTED BY -
ONTARIO HYDRO

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 45 24 25 N
LONG 76 30 28 W
DRAINAGE AREA, 8 160 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	247 000	JUL	89 200
FEB	427 000	AUG	91 600
MAR	789 000	SEP	357 000
APR	292 000	OCT	245 000
MAY	341 000	NOV	282 000
JUN	183 000	DEC	278 000

TOTAL DISCHARGE, 3 620 000 dam³

MAGNETAWAN RIVER NEAR BRITT - STATION NO. 02EA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	33.5B	19.5	165	81.6	52.8	42.6	44.9	13.3E	13.3	47.9	60.9	43.7	1
2	32.5B	20.1	164	95.8	51.7	40.2	41.8	13.6E	13.9	48.5	58.0	45.5	2
3	31.5B	20.1	159	107	50.2	36.7	39.3	13.5E	16.7	48.8	55.6	48.5	3
4	31.0B	19.8	153	120	48.3	34.4	37.6	13.4E	25.3	48.9	53.7	50.5	4
5	30.0B	19.5	145	134	46.7	33.3	36.2	13.2E	38.8	49.4	51.4	51.6	5
6	29.5B	19.4	136	147	44.7	38.1	34.7	13.0E	45.7	51.3	49.1	53.0	6
7	28.5B	19.3	127	157	41.7	42.3	33.4	13.0E	55.5	56.3	46.2	54.6	7
8	28.0B	19.2	118	164	39.6	42.6	31.9	13.0E	66.0	59.1	44.2	55.8	8
9	27.5B	19.1	110	185	37.0	41.4	30.7	13.1E	72.8	62.5	42.4	55.1	9
10	27.0B	19.2	103	193	34.7	39.4	29.5	14.0E	82.5	67.6	40.7	52.9	10
11	26.5B	20.9	96.7	194	35.4	37.4	28.7	14.5E	87.4	73.0	39.8	50.3	11
12	26.0B	22.3	90.3	191	39.3	35.9	28.5	17.0E	94.5	77.0	38.5	47.9	12
13	25.5B	23.1	84.4	185	43.7	34.3	28.2	19.4	99.4	78.9	37.5	45.7	13
14	25.0B	24.0	78.7	180	54.6	32.9	27.3	21.2	104	78.3	36.7	44.0	14
15	24.5B	25.4	74.0	173	68.9	32.0	25.4	22.5	108	75.8	35.7	43.0	15
16	24.2B	27.8	69.6	163	79.5	33.4	23.2	22.5	109	72.6	34.8	41.4	16
17	23.8B	30.7	66.2	151	83.7	32.8	20.9	21.4	108	68.9	35.6	40.1	17
18	23.5B	33.5A	62.9	141	83.6	32.7	18.8	20.2	106	70.4	36.3	38.9	18
19	23.0	40.0E	59.3	131	80.8	33.4	16.0 E	19.0	103	74.4	36.2	37.9	19
20	22.5	48.0E	55.9	122	76.2	34.3	15.1 E	18.2E	97.2	76.6	36.6	36.6	20
21	21.9	57.0E	52.3	113	71.0	34.9	14.7 E	17.4E	90.6	80.5	37.5	35.5	21
22	21.7	67.0E	49.2	104	66.5	35.8	12.0 E	16.6E	82.3	83.9	37.6	34.3	22
23	21.3	80.0E	46.6	92.1	62.9	37.5	10.3 E	15.8E	72.8	86.8	37.9	33.2	23
24	20.7	97.0E	44.7	80.2	59.4	38.0	9.50E	15.1E	65.0	87.6	38.4	32.3	24
25	20.2	115 E	43.4	70.3	56.9	39.9	9.40E	14.4E	59.6	87.1	38.8	32.1	25
26	19.8	135 E	42.8	64.1	53.6	42.6	9.50E	13.9E	56.1	85.4	39.2	32.0	26
27	19.5	152	42.6	60.0	50.4	46.0	10.0 E	13.5A	54.2	82.3	41.4	31.9	27
28	19.2	161	43.1	56.2	48.3	48.8	10.5 E	12.9	52.1	77.6	43.4	32.1	28
29	19.1		45.4	55.1	47.2	49.7	11.2 E	13.3	49.8	73.2	43.5	32.1	29
30	19.0		54.2	53.8	46.1	48.1	11.8 E	14.3	48.2	68.8	43.6	31.9	30
31	19.0		69.2		44.7		12.6 E	13.7		64.6		31.8	31
TOTAL	764.9	1 354.9	2 651.5	3 764.2	1 700.1	1 151.4	713.60	489.9	2 077.7	2 164.0	1 271.2	1 296.2	TOTAL
MEAN	24.7	48.4	85.5	125	54.8	38.4	23.0	15.8	69.3	69.8	42.4	41.8	MEAN
MAX	33.5	161	165	194	83.7	49.7	44.9	22.5	109	87.6	60.9	55.8	MAX
MIN	19.0	19.1	42.6	53.8	34.7	32.0	9.40	12.9	13.3	47.9	34.8	31.8	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 53.1
MAXIMUM DAILY, 194 ON APR 11
MINIMUM DAILY, 9.40E ON JUL 25
MAXIMUM INSTANTANEOUS,
195 AT 15:18 EST ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 46 20 N
LONG 80 28 46 W
DRAINAGE AREA, 2 850 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	66 100	JUL	61 700
FEB	117 000	AUG	42 300
MAR	229 000	SEP	180 000
APR	325 000	OCT	187 000
MAY	147 000	NOV	110 000
JUN	99 500	DEC	112 000

TOTAL DISCHARGE, 1 680 000 dam³

MAGNETAWAN RIVER NEAR BURK'S FALLS - STATION NO. 02EA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.40B	4.80B	32.4	17.7	7.41	6.83	10.2	2.06	18.7	20.5	16.7	9.36	1
2	7.30B	4.78B	32.7	20.7	7.99	6.98	9.85	2.22	27.8	20.2	16.1	9.73	2
3	7.20B	4.75B	32.1	23.5	8.38	7.11	9.59	2.23	33.0	19.7	14.0	10.1	3
4	7.10B	4.70B	31.2	29.9	8.54	7.17	9.20	2.53	37.9	19.2	11.1	10.3	4
5	7.00B	4.68B	30.2	34.9	8.75	7.42	8.69	3.48	41.6	18.7	10.6	10.3	5
6	6.90B	4.65B	29.0	39.7	8.85	7.99	8.41	6.68	42.9	18.5	10.0	10.3	6
7	6.80B	4.62B	27.6	42.3	9.19	7.98	8.12	8.54	43.1	18.1	9.09	10.3	7
8	6.70B	4.60B	25.8	42.9	9.24	8.04	7.92	8.96	42.9	18.6	9.22	10.2	8
9	6.58B	4.58B	24.4	46.1	9.22	8.71	7.50	9.23	41.9	18.9	9.17	10.1	9
10	6.50B	4.60B	23.1	46.7	9.15	9.17	5.87	10.5	43.9	19.8	9.12	9.89	10
11	6.40B	4.70B	21.9	46.9	10.1	8.93	4.27	11.4	43.1	20.3	8.96	9.76	11
12	6.30B	5.00B	20.7	46.0	13.6	8.57	4.18	10.8	44.2	20.5	8.96	9.63	12
13	6.20B	6.22B	18.5 B	44.7	17.7	8.35	4.23	10.0	44.1	20.6	8.85	9.45	13
14	6.10B	6.60B	17.5 B	43.6	19.2	8.12	3.54	9.65	43.2	20.8	8.74	9.33	14
15	6.05B	6.80B	16.2 B	42.1	21.3	8.02	2.70	9.45	41.8	20.8	8.64	9.22	15
16	6.00B	7.00B	15.3 B	40.3	20.9	8.43	2.75	9.11	40.2	20.3	8.55	9.06	16
17	5.90B	7.20B	14.7 B	38.2	20.5	8.18	2.85	8.77	38.2	19.9	8.29	8.79	17
18	5.80B	7.60B	13.8 B	36.3	19.9	8.07	2.86	7.51	36.1	20.8	8.00	8.53	18
19	5.70B	8.00B	13.2 B	34.6	19.4	7.88	2.87	6.03	34.2	21.0	7.98	8.40	19
20	5.60B	8.80B	12.7 B	32.7	18.7	7.52	2.89	5.87	32.1	21.1	8.15	8.30	20
21	5.55B	9.80B	11.8 B	31.0	17.9	7.39	2.88	4.88	29.8	21.0	8.44	7.99	21
22	5.45B	11.0 B	11.2 B	29.2	17.0	8.08	2.00	3.54	27.7	21.0	8.58	7.94	22
23	5.35B	13.1 B	10.8 B	26.6	16.2	8.80	0.799	3.40	25.7	21.1	8.56	7.89	23
24	5.30B	19.6	10.1 B	24.6	15.4	8.90	0.836	3.08	23.8	20.8	8.50	7.84	24
25	5.20B	23.6	9.60B	23.1	15.0	9.20	0.850	3.12	22.1	20.6	8.48	7.78	25
26	5.15B	28.1	9.20B	21.9	12.0	8.98	1.02	3.16	21.0	20.0	8.44	7.60	26
27	5.10B	29.9	9.10B	20.8	7.71	9.02	1.20	3.09	22.4	19.6	8.97	7.53	27
28	5.05B	31.4	9.00B	19.7	6.73	9.06	1.29	3.04	21.7	19.1	9.14	7.51	28
29	5.00B		9.20B	11.7	6.01	8.87	1.54	3.64	21.2	18.6	9.18	7.40	29
30	4.95B		10.5 B	6.70	6.50	9.51	1.76	5.09	20.9	17.9	9.31	7.32	30
31	4.90B		13.5 B		6.66		1.94	10.8		17.3		7.24	31
TOTAL	186.53	281.18	567.00	965.10	395.13	247.28	134.605	191.86	1 007.2	615.3	287.82	275.09	TOTAL
MEAN	6.02	10.0	18.3	32.2	12.7	8.24	4.34	6.19	33.6	19.8	9.59	8.87	MEAN
MAX	7.40	31.4	32.7	46.9	21.3	9.51	10.2	11.4	44.2	21.1	16.7	10.3	MAX
MIN	4.90	4.58	9.00	6.70	6.01	6.83	0.799	2.06	18.7	17.3	7.98	7.24	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.1
MAXIMUM DAILY, 46.9 ON APR 11
MINIMUM DAILY, 0.799 ON JUL 23
MAXIMUM INSTANTANEOUS,
47.2 AT 12:08 EST ON APR 11

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 37 03 N
LONG 79 23 17 W
DRAINAGE AREA, 650 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 100	JUL	11 600
FEB	24 300	AUG	16 600
MAR	49 000	SEP	87 000
APR	83 400	OCT	53 200
MAY	34 100	NOV	24 900
JUN	21 400	DEC	23 800

TOTAL DISCHARGE, 445 000 dam³

MAGPIE RIVER NEAR MICHIPICOTEN - STATION NO. 02BD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.5 B	8.60B	11.8B	29.1	65.1	35.6	23.4	6.84	4.73	3.37	8.63	8.45B	1
2	12.3 B	8.40B	11.7B	33.3	66.5	35.2	22.3	6.83	4.81	3.38	8.95	8.50B	2
3	12.1 B	8.20B	11.7B	37.5	68.1	34.2	21.3	6.65	4.29	3.40	8.95	8.55B	3
4	12.0 B	7.95B	11.6B	45.7	75.9	33.1	20.6	6.44	3.89	3.37	8.79	8.60B	4
5	11.8 B	7.85B	11.5B	48.6	118	32.2	19.6	6.28	3.64	3.37	9.33	8.65B	5
6	11.6 B	7.75B	11.4B	48.2	146	31.2	18.8	6.04	3.52	3.49	11.4	8.75B	6
7	11.5 B	7.70B	11.3B	45.6	159	29.7	17.9	5.84	3.56	3.80	11.4	8.90B	7
8	11.3 B	7.60B	11.3B	43.3	159	29.0	17.3	5.70	4.12	3.63	11.3	9.05B	8
9	11.2 B	7.55B	11.2B	42.8	148	28.5	16.4	5.65	3.98	3.52	11.2	9.25B	9
10	11.0 B	7.50B	11.2B	45.2	132	28.0	15.6	5.49	3.76	3.49	11.2	9.45B	10
11	10.9 B	7.45B	11.1B	50.2	120	27.7	14.7	5.37	3.68	3.47	11.4	9.65B	11
12	10.8 B	7.40B	11.0B	52.0	109	27.1	13.8	5.29	3.65	3.44	11.0	9.90B	12
13	10.6 B	7.35B	11.0B	52.3	99.0	26.5	13.3	5.25	3.55	3.36	10.9	10.1 B	13
14	10.5 B	7.35B	10.9B	57.4	90.8	25.9	12.7	5.21	3.51	3.45	11.0	10.3 B	14
15	10.4 B	7.30B	10.8B	62.5	84.5	25.7	11.8	5.27	3.56	4.81	11.1	10.6 B	15
16	10.3 B	7.30B	10.7B	63.3	77.8	25.7	11.2	5.22	3.54	4.72	11.1	10.9 B	16
17	10.2 B	7.35B	10.6B	65.3	72.9	25.9	10.7	5.13	3.51	4.39	10.9	11.2 B	17
18	10.1 B	7.55B	10.6B	68.4	68.8	26.5	10.4	5.02	3.50	12.5	10.8	11.5 B	18
19	9.95B	8.00B	10.6	70.3	63.0	27.1	9.92	4.73	3.46	11.6	10.6	11.9 B	19
20	9.80B	8.45B	10.5	71.2	57.9	26.2	9.41	4.43	3.44	10.3	10.1	12.2 B	20
21	9.70B	9.00B	10.7	70.6	53.7	25.4	9.19	4.32	3.45	9.53	9.93	12.4 B	21
22	9.55B	9.50B	10.9	68.4	50.1	25.0	8.81	4.22	3.42	9.05	9.80	12.6 B	22
23	9.50B	10.2 B	11.4	66.3	46.9	24.1	8.33	4.14	3.44	8.97	9.55B	12.7 B	23
24	9.40B	10.7 B	12.2	65.1	44.1	23.4	8.07	4.14	3.48	8.52	9.30B	12.7 B	24
25	9.30B	11.3 B	12.4	63.2	42.5	23.6	8.13	4.09	3.46	8.53	9.02	12.8 B	25
26	9.20B	11.7 B	13.0	61.9	41.8	23.6	8.32	3.86	3.41	8.69	8.79	12.8 B	26
27	9.10B	11.8 B	13.4	60.8	40.4	23.2	8.24	3.76	3.43	8.63	8.65B	12.8 B	27
28	9.00B	11.9 B	14.7	60.7	39.4	23.0	7.88	3.63	3.43	8.91	8.55B	12.7 B	28
29	8.95B		17.6	62.1	38.4	26.3	7.59	3.72	3.45	8.70	8.50B	12.7 B	29
30	8.85B		23.3	63.5	37.5	25.6	7.41	4.28	3.43	8.42	8.50B	12.7 B	30
31	8.75B		25.6		36.5		7.08	4.00		8.40		12.6 B	31
TOTAL	322.15	240.70	387.7	1 674.8	2 452.6	824.2	400.18	156.84	110.10	193.21	300.64	335.90	TOTAL
MEAN	10.4	8.60	12.5	55.8	79.1	27.5	12.9	5.06	3.67	6.23	10.0	10.8	MEAN
MAX	12.5	11.9	25.6	71.2	159	35.6	23.4	6.84	4.81	12.5	11.4	12.8	MAX
MIN	8.75	7.30	10.5	29.1	36.5	23.0	7.08	3.63	3.41	3.36	8.50	8.45	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.3
MAXIMUM DAILY, 159 ON MAY 7
MINIMUM DAILY, 3.36 ON OCT 13
MAXIMUM INSTANTANEOUS,
162 AT 15:25 EST ON MAY 7

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 56 20 N
LONG 84 49 50 W
DRAINAGE AREA, 1 930 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	27 800	JUL	34 600
FEB	20 800	AUG	13 600
MAR	33 500	SEP	9 510
APR	145 000	OCT	16 700
MAY	212 000	NOV	26 000
JUN	71 200	DEC	29 000

TOTAL DISCHARGE, 640 000 dam³

MAITLAND RIVER ABOVE WINGHAM - STATION NO. 02FE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.41B	2.83B	26.4	17.1	4.53	2.75	1.32	0.886	9.73	5.04	7.90	7.19	1
2	3.39B	2.95B	20.2	12.9	3.95	2.44	1.28	0.880	13.1	5.31	6.91	10.6	2
3	3.36B	3.10B	15.0 B	10.1	3.54	2.30	1.24	0.908	10.7	5.78	6.05	15.9	3
4	3.34B	3.26B	11.2 B	8.90	3.23	5.38	1.26	1.01	14.5	5.55	5.66	12.4	4
5	3.31B	3.33B	9.64B	8.30	3.08	8.20	1.20	1.15	29.3	4.83	5.24	8.97	5
6	3.30B	3.32B	9.02B	7.41	3.07	5.36	1.84	1.02	20.2	4.51	5.62	7.07	6
7	3.28B	3.29B	8.58B	6.57	2.70	3.63	1.86	0.941	10.7	20.7	6.09	6.53	7
8	3.25B	3.28B	7.84B	6.14	2.74	2.81	1.50	1.49	7.24	21.5	5.31	6.45	8
9	3.21B	3.26B	9.43	6.13	2.62	2.52	1.29	4.99	6.74	15.8	4.83	4.84B	9
10	3.20B	3.24B	9.88	5.83	3.39	2.43	1.13	2.97	5.65	9.40	4.39	3.94B	10
11	3.18B	3.65B	9.81	5.16	12.8	2.42	1.02	1.73	2.77	5.19	4.13	3.76B	11
12	3.15B	4.08B	9.22	4.93	21.8	2.30	0.961	1.31	2.59	6.09	3.99	3.57B	12
13	3.14B	4.90B	9.30	4.50	14.5	2.07	0.944	0.928	3.03	5.61	3.79	3.47B	13
14	3.12B	5.66B	8.20B	6.94	10.1	2.01	0.928	0.901	2.83	5.71	3.58	3.36B	14
15	3.09B	6.08B	7.48B	10.9	8.64	2.04	0.925	1.12	2.54	4.68	3.58	3.30B	15
16	3.02B	6.38B	6.98B	8.44	8.80	2.02	0.910	1.13	2.29	4.94	3.50	3.24B	16
17	2.99B	10.5 B	6.42B	7.36	7.86	1.91	0.902	0.868	2.11	5.17	3.62	3.11B	17
18	2.98B	19.0 B	6.02B	7.30	6.43	1.75	0.902	0.751	2.12	7.47	3.58	3.08B	18
19	2.94B	35.9 B	5.80B	6.44	4.81	1.65	0.888	0.741	2.15	20.5	3.56	3.01B	19
20	2.90B	78.7 B	5.54B	5.62	2.51	1.57	0.875	0.720	2.19	23.3	5.37	2.94B	20
21	2.87B	86.2 B	5.24B	5.05	3.61	1.52	0.829	0.730	2.27	17.2	12.4	2.90B	21
22	2.84B	93.0 B	5.92	4.58	1.75	1.91	0.826	0.874	2.68	14.4	11.7	2.87B	22
23	2.80B	139	7.13	4.55	1.60	3.67	0.784	0.843	3.06	14.6	8.80	3.60B	23
24	2.77B	133	8.83	5.07	2.27	7.44	0.768	0.837	2.90	17.3	7.09	3.32B	24
25	2.74B	57.5	9.73	4.98	2.67	4.91	0.727	0.819	2.61	16.6	6.15	3.14B	25
26	2.79B	34.3	10.2	4.47	2.73	2.65	0.757	0.811	2.65	13.7	5.49	2.99B	26
27	2.94B	24.9	10.7	4.10	2.72	2.17	0.732	0.813	3.31	11.7	12.3	2.90B	27
28	3.35B	24.1	11.8	4.40	2.83	1.78	1.10	1.28	8.84	13.8	26.0	2.82B	28
29	3.24B		12.0	5.35	2.69	1.52	1.19	2.31	6.99	14.6	17.2	2.75B	29
30	3.17B		14.5	5.24	2.82	1.37	0.941	6.21	5.84	11.3	10.7	2.71B	30
31	2.98B		21.0		3.17		0.891	16.8		9.84		2.68B	31
TOTAL	96.05	798.71	319.01	204.76	159.96	86.50	32.720	58.771	193.63	342.12	214.53	149.41	TOTAL
MEAN	3.10	28.5	10.3	6.83	5.16	2.88	1.06	1.90	6.45	11.0	7.15	4.82	MEAN
MAX	3.41	139	26.4	17.1	21.8	8.20	1.86	16.8	29.3	23.3	26.0	15.9	MAX
MIN	2.74	2.83	5.24	4.10	1.60	1.37	0.727	0.720	2.11	4.51	3.50	2.68	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.28
MAXIMUM DAILY, 139 ON FEB 23
MINIMUM DAILY, 0.720 ON AUG 20
MAXIMUM INSTANTANEOUS,
167 AT 21:30 EST ON FEB 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 54 57 N
LONG 81 15 50 W
DRAINAGE AREA, 528 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 300	JUL	2 830
FEB	69 000	AUG	5 080
MAR	27 600	SEP	16 700
APR	17 700	OCT	29 600
MAY	13 800	NOV	18 500
JUN	7 470	DEC	12 900

TOTAL DISCHARGE, 229 000 dam³

MAITLAND RIVER BELOW WINGHAM - STATION NO. 02FE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.78B	7.58B	92.8	48.6	20.7	6.48	3.15	2.56	19.7	9.90	25.3	30.2	1
2	8.58B	7.81B	69.1	36.5	16.4	4.70	2.94	2.28	19.2	15.1	23.2	41.2	2
3	8.41B	8.12B	46.4B	28.0	13.5	5.78	2.83	2.17	18.0	21.9	20.2	56.1	3
4	8.19B	8.33B	36.0B	24.3	11.4	8.68	2.88	2.28	26.1	18.1	17.7	46.3	4
5	8.04B	8.51B	33.8B	22.1	10.3	12.4	2.99	2.49	62.0	14.4	16.4	34.6	5
6	7.95B	8.60B	27.2B	19.6	9.44	9.18	3.02	2.26	51.8	15.3	17.2	27.8	6
7	7.76B	8.56B	24.5B	17.0	7.21	7.09	3.47	2.08	30.2	50.6	18.7	24.2	7
8	7.61B	8.52B	22.4B	15.4	7.92	5.83	3.10	2.03	19.5	64.9	17.0	22.9	8
9	7.44B	8.48B	26.4	15.4	8.21	5.13	2.80	4.67	15.2	45.6	15.0	20.5	9
10	7.36B	8.44B	28.2	14.5	9.78	7.58	2.50	4.44	12.2	30.2	13.3	13.4 B	10
11	7.29B	9.75B	28.4	13.0	39.4	4.78	2.35	3.07	8.33	19.5	12.4	12.5 B	11
12	7.22B	12.6 B	27.1	12.3	79.7	4.40	2.24	2.48	5.94	17.0	11.6	11.7 B	12
13	7.19B	15.9 B	28.3	11.5	53.4	4.48	2.11	2.12	6.00	14.4	10.9	11.2 B	13
14	7.08B	17.7 B	26.7	18.9	34.9	4.38	2.05	1.92	5.71	13.5	10.4	10.8 B	14
15	7.01B	18.5 B	23.5	34.1	28.7	4.46	1.91	2.35	5.13	12.1	10.1	10.4 B	15
16	6.94B	19.0 B	19.8B	26.6	27.6	4.44	1.87	2.59	4.62	14.8	9.97	10.0 B	16
17	6.89B	38.2 B	17.1B	22.4	25.5	4.28	1.85	2.41	4.21	16.0	9.99	9.21B	17
18	6.78B	58.0 B	15.4B	21.8	21.0	3.94	1.82	2.17	4.18	23.4	11.4	8.57B	18
19	6.75B	91.8 B	14.5B	19.8	17.0	3.68	1.79	2.06	4.18	56.3	10.1	8.51B	19
20	6.66B	204 B	13.6B	16.9	11.2	3.39	1.80	1.84	4.18	72.4	14.4	8.19B	20
21	6.62B	242 B	13.2B	14.8	10.8	3.43	1.78	1.77	4.25	55.4	34.3	8.09B	21
22	6.58B	322 B	15.2	13.1	9.49	3.70	1.78	1.71	4.88	46.5	39.6	7.97B	22
23	6.50B	460	18.4	13.0	7.97	5.22	1.74	1.66	5.40	58.4	29.7	9.10B	23
24	6.42B	464	23.3	14.3	7.94	11.8	1.70	1.61	5.33	64.9	24.4	8.62B	24
25	6.50B	281	25.8	14.4	8.85	11.2	1.64	1.58	4.95	59.2	19.0	8.18B	25
26	7.01B	163	26.8	12.9	8.42	6.63	1.68	1.52	5.01	48.0	17.1	7.90B	26
27	7.90B	95.9	30.2	11.5	8.19	5.23	1.65	1.54	5.77	40.3	32.9	7.82B	27
28	8.79B	84.8	37.5	13.9	6.69	4.41	2.17	2.21	11.9	46.9	73.2	7.56B	28
29	8.58B		36.4	29.7	6.89	3.75	3.22	3.94	12.9	50.3	53.4	7.42B	29
30	8.21B		41.7	27.5	7.79	3.43	3.22	7.79	10.6	37.5	36.3	7.31B	30
31	7.92B		55.9		7.91		3.03	17.5		29.4		7.22B	31
TOTAL	230.96	2 681.10	945.6	603.8	544.20	173.88	73.08	93.10	397.37	1 082.20	655.16	505.47	TOTAL
MEAN	7.45	95.8	30.5	20.1	17.6	5.80	2.36	3.00	13.2	34.9	21.8	16.3	MEAN
MAX	8.79	464	92.8	48.6	79.7	12.4	3.47	17.5	62.0	72.4	73.2	56.1	MAX
MIN	6.42	7.58	13.2	11.5	6.69	3.39	1.64	1.52	4.18	9.90	9.97	7.22	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.9
MAXIMUM DAILY, 464 ON FEB 24
MINIMUM DAILY, 1.52 ON AUG 26
MAXIMUM INSTANTANEOUS,
533 AT 23:15 EST ON FEB 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 53 12 N
LONG 81 19 37 W
DRAINAGE AREA, 1 630 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	20 000	JUL	6 310
FEB	232 000	AUG	8 040
MAR	81 700	SEP	34 300
APR	52 200	OCT	93 500
MAY	47 000	NOV	56 600
JUN	15 000	DEC	43 700

TOTAL DISCHARGE, 690 000 dam³

MAITLAND RIVER NEAR DONNYBROOK - STATION NO. 02FE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.7 B	9.63B	103	51.9	23.8	8.70	4.10	3.72	22.6	11.9	27.4	32.4	1
2	10.6 B	9.68B	80.4	40.1	18.7	6.82	4.28	3.20	18.1	13.6	24.5	38.0	2
3	10.3 B	10.1 B	52.8	31.9	15.2	6.97	4.11	3.02	19.1	22.7	22.1	52.7	3
4	10.1 B	10.4 B	44.8B	28.0	13.1	9.37	4.20	3.01	24.3	20.4	19.3	48.2	4
5	9.90B	10.6 B	36.9B	25.1	12.0	13.0	4.86	3.56	50.3	16.6	17.7	38.1	5
6	9.75B	10.6 B	31.2B	22.2	11.3	11.9	4.32	3.34	53.9	16.7	18.5	30.9	6
7	9.57B	10.5 B	27.9B	19.5	9.49	9.52	4.59	3.40	34.8	37.0	20.9	26.5	7
8	9.42B	10.5 B	26.5B	17.4	9.13	8.17	4.45	2.73	22.5	64.9	19.6	24.9	8
9	9.26B	10.4 B	29.4	17.4	9.88	7.45	4.00	3.32	17.4	48.6	17.0	23.0	9
10	9.14B	10.4 B	31.1	16.7	11.0	8.71	3.59	6.02	14.1	34.9	15.0	15.5 B	10
11	9.08B	12.4 B	31.5	15.0	33.1	7.41	3.25	4.55	11.4	23.1	13.8	14.9 B	11
12	9.03B	15.8 B	30.3	13.8	84.4	6.43	3.05	3.58	8.15	19.4	13.2	14.4 B	12
13	9.00B	19.5 B	30.8	13.1	61.6	6.36	2.81	3.15	7.53	16.5	12.6	13.6 B	13
14	8.88B	21.6 B	30.1	19.5	39.3	6.30	2.65	2.64	7.49	14.8	11.9	13.3 B	14
15	8.80B	22.9 B	26.5	34.1	32.1	6.19	2.47	3.70	6.88	13.6	11.4	12.6 B	15
16	8.75B	23.7 B	23.7B	30.6	30.3	6.20	2.34	3.74	6.33	14.8	11.4	11.8 B	16
17	8.68B	43.4 B	20.0B	25.3	28.4	6.06	2.23	3.48	5.82	17.0	11.4	11.1 B	17
18	8.49B	64.0 B	18.1B	24.1	23.9	5.64	2.23	3.14	5.76	22.1	12.2	10.2 B	18
19	8.46B	114 B	17.4B	22.0	19.5	5.36	2.23	2.83	5.61	47.0	11.7	9.92B	19
20	8.37B	234 B	16.4B	19.3	14.7	5.07	2.20	2.49	5.63	72.6	14.0	9.55B	20
21	8.33B	317	15.8B	16.6	11.7	5.02	2.33	2.29	5.79	59.1	28.4	9.31B	21
22	8.27B	350	17.0	14.7	11.9	6.01	2.24	2.17	6.59	46.2	40.5	9.75B	22
23	8.22B	480	19.7	14.4	9.97	5.78	2.08	2.06	6.83	52.9	33.4	10.8 B	23
24	8.10B	515	25.4	15.7	9.29	10.5	2.05	1.96	6.97	61.1	27.0	10.1 B	24
25	8.18B	326	28.7	16.0	10.2	13.7	2.04	1.91	6.77	58.2	22.0	9.64B	25
26	8.72B	198	29.9	14.7	9.96	8.97	2.85	1.86	6.78	48.9	18.5	9.36B	26
27	9.68B	118	32.0	13.3	9.72	7.03	2.43	1.91	7.33	41.3	26.2	9.11B	27
28	10.7 B	95.7	39.0	15.3	9.38	6.13	3.80	3.52	9.80	43.0	63.9	8.95B	28
29	10.5 B		40.0	29.3	7.78	5.25	4.86	5.25	14.9	49.7	58.8	8.82B	29
30	10.2 B		45.1	30.6	9.22	4.74	4.59	7.87	12.3	40.7	39.6	8.76B	30
31	9.91B		56.2		9.57		4.29	12.6		32.2		8.70B	31
TOTAL	287.09	3 073.81	1 057.6	667.6	609.59	224.76	101.90	112.02	431.76	1 081.5	683.9	554.87	TOTAL
MEAN	9.26	110	34.1	22.3	19.7	7.49	3.29	3.61	14.4	34.9	22.8	17.9	MEAN
MAX	10.7	515	103	51.9	84.4	13.7	4.86	12.6	53.9	72.6	63.9	52.7	MAX
MIN	8.10	9.63	15.8	13.1	7.78	4.74	2.04	1.86	5.61	11.9	11.4	8.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.3
MAXIMUM DAILY, 515 ON FEB 24
MINIMUM DAILY, 1.86 ON AUG 26
MAXIMUM INSTANTANEOUS,
541 AT 23:50 EST ON FEB 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 49 30 N
LONG 81 29 26 W
DRAINAGE AREA, 1 760 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	24 800	JUL	8 800
FEB	266 000	AUG	9 680
MAR	91 400	SEP	37 300
APR	57 700	OCT	93 400
MAY	52 700	NOV	59 100
JUN	19 400	DEC	47 900

TOTAL DISCHARGE, 768 000 dam³

MAITLAND RIVER NEAR HARRISTON - STATION NO. 02FE011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	0.086	2.22	0.839	1.10	1.66	1
2	---	---	---	---	---	---	---	0.079	1.81	1.13	1.11	3.90	2
3	---	---	---	---	---	---	---	0.117	1.00	0.981	1.03	3.57	3
4	---	---	---	---	---	---	---	0.095	4.27	0.754	0.818	2.30	4
5	---	---	---	---	---	---	---	0.101	3.97	0.641	0.839	1.62	5
6	---	---	---	---	---	---	---	0.088	1.87	2.61	0.826	1.32	6
7	---	---	---	---	---	---	---	0.076	1.14	4.80	0.677	1.06	7
8	---	---	---	---	---	---	---	0.084	0.820	3.75	0.616	0.957	8
9	---	---	---	---	---	---	---	0.069	0.705	2.20	0.569	0.778B	9
10	---	---	---	---	---	---	---	0.070	0.580	1.54	0.526	0.642B	10
11	---	---	---	---	---	---	---	0.086	0.478	1.14	0.490	0.545B	11
12	---	---	---	---	---	---	---	0.080	0.402	0.877	0.481	0.480B	12
13	---	---	---	---	---	---	---	0.076	0.336	0.726	0.449	0.434B	13
14	---	---	---	---	---	---	---	0.067	0.299	0.665	0.440	0.408B	14
15	---	---	---	---	---	---	---	0.132	0.262	0.762	0.423	0.390B	15
16	---	---	---	---	---	---	---	0.125	0.249	0.883	0.440	0.378B	16
17	---	---	---	---	---	---	---	0.120	0.237	0.743	0.492	0.364B	17
18	---	---	---	---	---	---	---	0.101	0.231	2.48	0.499	0.355B	18
19	---	---	---	---	---	---	---	0.086	0.244	4.41	0.501	0.347B	19
20	---	---	---	---	---	---	---	0.075	0.240	3.07	1.50	0.338B	20
21	---	---	---	---	---	---	---	0.067	0.271	2.12	2.40	0.329B	21
22	---	---	---	---	---	---	---	0.058	0.396	2.14	1.78	0.324B	22
23	---	---	---	---	---	---	---	0.058	0.413	3.23	1.34	0.358B	23
24	---	---	---	---	---	---	---	0.065	0.362	3.64	1.08	0.346B	24
25	---	---	---	---	---	---	---	0.057	0.310	2.52	0.888	0.339B	25
26	---	---	---	---	---	---	---	0.059	0.426	1.86	0.871	0.330B	26
27	---	---	---	---	---	---	0.060	0.055	3.18	1.79	5.59	0.321B	27
28	---	---	---	---	---	---	0.161	0.250	1.86	2.35	5.55	0.314B	28
29	---		---	---	---	---	0.173	0.575	1.04	2.01	2.91	0.305B	29
30	---		---	---	---	---	0.156	3.89	0.779	1.65	1.96	0.299B	30
31	---		---		---		0.108	1.96		1.32		0.294B	31
TOTAL	---	---	---	---	---	---	---	8.907	30.400	59.631	38.195	25.405	TOTAL
MEAN	---	---	---	---	---	---	---	0.287	1.01	1.92	1.27	0.820	MEAN
MAX	---	---	---	---	---	---	---	3.89	4.27	4.80	5.59	3.90	MAX
MIN	---	---	---	---	---	---	---	0.055	0.231	0.641	0.423	0.294	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.055 ON AUG 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 54 12 N
LONG 80 53 33 W
DRAINAGE AREA, 112 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	770
MAR	---	SEP	2 630
APR	---	OCT	5 150
MAY	---	NOV	3 300
JUN	---	DEC	2 190

MARCHINGTON RIVER AT MCDOUGALL MILLS - STATION NO. 05QA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.7A	15.1	14.1E	14.7	30.6	36.0	57.2	37.0	17.4	11.1	9.69	10.1E	1
2	18.6E	15.3	14.1E	15.3	32.1	36.1	58.4	35.8	17.5	10.8	10.2	10.1E	2
3	18.4E	15.2E	14.0E	15.3	32.2	36.6	62.6	35.4	17.3	10.8	10.1	10.1E	3
4	18.3E	15.2E	14.0E	15.4	32.8	35.9	65.9	34.2	16.3	11.1	9.97	10.1E	4
5	18.1E	15.1E	14.0E	15.2	32.9	35.3	67.1	34.1	15.8	10.7	9.85	10.2E	5
6	18.0E	15.1E	13.9E	15.5	33.3	36.5	68.4	32.9	15.8	10.5	9.85	10.2E	6
7	17.9E	15.1E	13.9E	15.4	33.7	36.8	68.0	32.3	15.7	10.0	10.1	10.2E	7
8	17.8E	15.0E	13.8E	15.9	33.6	37.1	66.2	31.4	15.5	10.6	9.72	10.3E	8
9	17.7E	15.0E	13.8E	15.9	34.1	38.0	65.9	30.9	15.2	11.0	9.74	10.3E	9
10	17.6E	14.9E	13.8E	16.1	35.0	39.0	66.0	30.3	14.8	10.5	9.96	10.3E	10
11	17.4E	14.9E	13.7E	16.8	35.3	39.5	65.6	29.2	14.4	10.2	10.1	10.3E	11
12	17.3E	14.8E	13.7E	17.7	35.1	40.9	63.3	28.8	14.0	10.2	9.81	10.3E	12
13	17.2E	14.8E	13.7E	18.1	35.4	41.5	61.9	27.7	14.3	10.3	9.81	10.4E	13
14	17.1E	14.8E	13.6E	18.6	35.3	43.2	61.2	27.2	13.4	10.6	10.0	10.4E	14
15	16.9E	14.7E	13.6E	19.1	35.6	42.7	58.9	26.6	13.1	10.4	10.1	10.4E	15
16	16.7E	14.7E	13.6E	19.4	36.4	42.6	56.7	25.0	13.2	10.3	10.1	10.4E	16
17	16.6E	14.6E	13.6	20.4	35.9	43.7	56.2	24.9	12.5	10.0	9.98	10.5E	17
18	16.6E	14.6E	13.8	21.1	35.1	44.1	55.5	24.3	12.9	10.0	9.74	10.5E	18
19	16.4E	14.5E	13.8	21.8	34.3	44.1	53.4	23.8	12.8	10.2	10.3	10.5E	19
20	16.3E	14.5E	14.1	22.2	34.0	43.9	51.1	23.3	12.2	10.1	10.1	10.5E	20
21	16.2E	14.4E	13.9	23.2	34.1	44.2	50.1	22.5	12.2	10.1	10.0	10.6E	21
22	16.1A	14.4E	13.7	24.1	34.1	44.3	48.6	22.5	11.9	10.4	9.72	10.6E	22
23	15.7	14.3E	13.8	24.7	34.4	43.8	46.5	21.8	11.3	10.0	9.83A	10.6E	23
24	15.7	14.3E	13.7	25.9	34.1	44.0	45.4	21.1	11.4	10.2	9.03A	10.6E	24
25	15.3	14.3E	13.7	26.0	34.0	44.8	44.5	20.0	11.2	10.2	9.90E	10.6E	25
26	15.6	14.2E	13.7	26.7	33.9	45.2	42.4	19.7	10.9	10.1	9.95E	10.7E	26
27	15.5	14.2E	13.6	27.8	33.8	46.0	41.1	19.1	11.0	10.1	9.98E	10.7E	27
28	15.4	14.2E	13.6	28.1	34.8	46.7	39.8	19.3	11.4	10.1	10.0 E	10.7E	28
29	15.5		13.9	28.8	34.7	49.1	37.9	18.7	11.4	10.0	10.0 E	10.7E	29
30	15.1		13.8	30.5	35.2	53.4	37.6	18.2	11.3	10.6	10.0 E	10.8E	30
31	15.0		14.1		35.9		37.1	17.6		10.0		10.8E	31
TOTAL	520.7	412.2	428.1	615.7	1 061.7	1 255.0	1 700.5	815.6	408.1	321.2	298.43	323.5	TOTAL
MEAN	16.8	14.7	13.8	20.5	34.2	41.8	54.9	26.3	13.6	10.4	9.95	10.4	MEAN
MAX	18.7	15.3	14.1	30.5	36.4	53.4	68.4	37.0	17.5	11.1	10.3	10.8	MAX
MIN	15.0	14.2	13.6	14.7	30.6	35.3	37.1	17.6	10.9	10.0	9.69	10.1	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.4
MAXIMUM DAILY, 68.4 ON JUL 6
MINIMUM DAILY, 9.69 ON NOV 1
MAXIMUM INSTANTANEOUS,
68.6 AT 20:42 CST ON JUL 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 10 20 N
LONG 91 32 30 W
DRAINAGE AREA, 4 450 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	45 000	JUL	147 000
FEB	35 600	AUG	70 500
MAR	37 000	SEP	35 300
APR	53 200	OCT	27 800
MAY	91 700	NOV	25 800
JUN	108 000	DEC	28 000

TOTAL DISCHARGE, 705 000 dam³

MATABITCHUAN RIVER AT RABBIT LAKE DAM - STATION NO. 02JE021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.4	15.0	19.5	*	11.2	4.80	15.0	6.70	3.90	10.4	10.3	16.2	1
2	15.0	14.0	19.5	6.30	12.6	5.10	15.0	6.60	4.00	9.90	10.6	17.2	2
3	14.3	14.0	19.5	4.10	12.3	5.50	15.0	6.30	4.20	9.60	10.6	16.6	3
4	13.5	18.1	28.7	0	11.9	5.50	14.7	6.10	4.20	9.40	10.6	16.0	4
5	12.8	26.1	39.5	0	13.3	5.50	14.7	6.60	4.20	14.5	10.9	15.4	5
6	12.8	24.5	37.2	0	10.2	6.60	14.7	6.60	4.20	18.9	10.9	15.1	6
7	12.8	23.0	35.0	0	7.00	7.30	14.7	6.60	4.20	18.9	10.9	15.0	7
8	10.6	22.0	32.9	0	7.40	8.00	14.4	6.30	4.20	15.7	11.2	14.6	8
9	10.6	20.6	30.9	0.200	7.40	8.30	14.4	6.30	4.20	11.6	11.2	14.3	9
10	10.6	19.6	28.9	1.20	8.80	8.60	14.4	6.00	4.80	11.6	11.2	13.7	10
11	10.6	18.9	26.9	2.00	8.80	8.90	14.1	6.00	7.50	11.9	11.2	13.4	11
12	10.6	17.2	25.0	4.40	8.80	9.40	14.1	6.00	10.6	12.2	11.2	13.1	12
13	8.80	16.5	23.1	6.40	8.80	9.80	13.5	6.00	10.6	9.90	10.9	12.8	13
14	8.80	16.1	21.1	8.60	4.50	9.90	13.5	6.00	10.9	7.20	10.9	12.5	14
15	8.80	15.2	19.3	25.0	0.300	13.1	13.5	5.70	10.6	7.20	10.9	12.1	15
16	8.80	14.3	17.6	41.4	0.500	15.3	13.5	5.40	10.6	7.50	10.6	11.5	16
17	8.80	13.9	16.5	41.7	0.700	15.0	12.6	5.10	10.4	8.10	10.6	11.2	17
18	8.80	13.5	8.20	42.5	0.800	15.0	12.0	5.10	10.4	8.70	10.6	14.3	18
19	8.80	12.8	2.60	42.5	1.00	14.4	11.4	5.10	10.0	8.70	10.6	16.3	19
20	7.00	20.0	2.80	43.2	1.20	14.2	11.1	5.10	10.0	9.30	10.6	15.8	20
21	17.0	32.0	3.00	44.0	1.40	14.1	10.5	4.80	9.70	10.2	10.6	15.1	21
22	27.2	32.0	3.10	42.9	1.40	14.1	10.2	4.50	9.40	10.8	10.6	14.9	22
23	24.6	29.4	3.30	42.9	2.10	14.1	9.90	4.50	11.8	8.90	10.6	14.4	23
24	24.6	29.1	3.50	40.9	2.50	14.1	9.30	4.50	14.2	7.00	13.6	14.0	24
25	22.0	29.1	3.70	39.9	2.80	14.1	8.90	4.50	14.0	7.90	15.9	13.0	25
26	22.0	29.1	3.70	39.1	3.10	14.2	8.40	4.50	13.1	8.70	15.6	13.1	26
27	19.6	29.1	3.70	38.8	3.50	14.2	7.80	4.50	12.5	9.20	15.3	12.6	27
28	19.6	29.1	3.80	37.7	3.80	14.4	6.80	4.50	11.8	9.70	14.9	12.0	28
29	17.2		3.80	36.6	4.20	14.7	6.80	4.50	11.4	10.0	14.6	16.6	29
30	17.2		3.80	24.6	4.50	14.7	6.80	4.50	10.8	10.0	14.3	19.3	30
31	15.0		4.70		4.50		6.70	4.50		10.3		18.6	31
TOTAL	444.20	594.2	494.80	656.900	171.300	332.90	368.40	169.40	262.40	323.90	352.5	450.7	TOTAL
MEAN	14.3	21.2	16.0	21.9	5.53	11.1	11.9	5.46	8.75	10.4	11.8	14.5	MEAN
MAX	27.2	32.0	39.5	44.0	13.3	15.3	15.0	6.70	14.2	18.9	15.9	19.3	MAX
MIN	7.00	12.8	2.60	0	0.300	4.80	6.70	4.50	3.90	7.00	10.3	11.2	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.7
MAXIMUM DAILY, 44.0 ON APR 21
MINIMUM DAILY, 0 ON APR 3

DATA CONTRIBUTED BY -
ONTARIO HYDRO

TYPE OF GAUGE - MANUAL
LOCATION - LAT 47 01 44 N
LONG 79 35 18 W
DRAINAGE AREA, 749 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	38 400	JUL	31 800
FEB	51 300	AUG	14 600
MAR	42 800	SEP	22 700
APR	56 800	OCT	28 000
MAY	14 800	NOV	30 500
JUN	28 800	DEC	38 900

TOTAL DISCHARGE, 399 000 dam³

MATTAGAMI RIVER AT LITTLE LONG RAPIDS - STATION NO. 04LG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	54.1	130	197	414	1 460	716	423	91.7	75.0	87.8	206	176	1
2	117	121	216	527	1 370	646	422	110	132	101	201	169	2
3	124	116	174	524	1 320	547	436	90.6	171	55.5	208	187	3
4	121	116	223	518	1 350	577	348	113	212	86.7	205	170	4
5	170	120	202	524	1 840	532	330	89.2	201	73.6	223	179	5
6	122	104	195	515	2 570	525	336	76.2	207	80.7	267	167	6
7	136	142	212	524	2 600	501	328	76.5	61.4	74.5	356	168	7
8	127	122	210	517	2 450	515	319	91.7	3.96	88.9	293	185	8
9	106	120	204	519	2 240	537	315	84.1	43.3	162	358	154	9
10	137	139	199	600	2 070	567	308	74.5	82.1	244	375	138	10
11	119	129	209	1 030	1 840	650	197	78.2	163	223	282	158	11
12	182	130	205	1 110	1 640	621	162	81.0	147	224	287	135	12
13	114	151	251	1 160	1 560	576	196	75.9	140	244	266	145	13
14	116	119	259	1 210	1 660	555	203	101	128	243	280	156	14
15	113	126	238	1 250	1 620	620	232	71.1	135	227	214	155	15
16	124	159	257	1 350	1 600	610	230	91.2	130	233	260	182	16
17	118	134	221	1 420	1 510	664	197	79.6	131	223	261	166	17
18	121	150	237	1 510	1 370	647	204	73.3	153	198	247	170	18
19	121	146	259	1 540	1 160	564	213	71.4	123	347	240	134	19
20	130	144	251	1 430	1 070	591	181	58.2	137	257	233	138	20
21	129	162	241	1 320	986	540	185	64.0	127	271	207	119	21
22	120	206	255	1 270	938	526	166	50.7	140	294	206	156	22
23	125	208	241	1 160	846	528	144	77.0	112	258	205	118	23
24	116	202	220	1 170	813	503	140	68.8	115	266	194	103	24
25	128	178	256	1 220	776	490	146	54.7	118	231	178	27.2	25
26	117	223	202	1 180	775	335	136	69.7	117	258	189	69.1	26
27	119	202	233	1 170	822	312	110	76.5	123	262	174	135	27
28	126	208	248	1 320	824	301	108	55.8	98.0	253	175	164	28
29	128		258	1 420	841	274	110	59.2	119	223	177	177	29
30	124		261	1 510	725	375	96.6	86.9	94.6	237	176	176	30
31	121		199		697		88.6	63.1		235		118	31
TOTAL	3 825.1	4 207	7 033	30 932	43 343	15 945	7 010.2	2 404.8	3 739.36	6 261.7	7 143	4 594.3	TOTAL
MEAN	123	150	227	1 030	1 400	532	226	77.6	125	202	238	148	MEAN
MAX	182	223	261	1 540	2 600	716	436	113	212	347	375	187	MAX
MIN	54.1	104	174	414	697	274	88.6	50.7	3.96	55.5	174	27.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 374
MAXIMUM DAILY, 2 600 ON MAY 7
MINIMUM DAILY, 3.96 ON SEP 8

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 00 15 N
LONG 82 10 00 W
DRAINAGE AREA, 34 700 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	330 000	JUL	606 000
FEB	363 000	AUG	208 000
MAR	608 000	SEP	323 000
APR	2 670 000	OCT	541 000
MAY	3 740 000	NOV	617 000
JUN	1 380 000	DEC	397 000

TOTAL DISCHARGE, 11 800 000 dam³

MATTAGAMI RIVER AT SMOOTH ROCK FALLS - STATION NO. 04LB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	58.9	57.2	77.0	121	296	106	95.7	52.1	32.0	39.4	62.9	60.6	1
2	58.0	57.2	67.7	267	295	128	111	48.4	35.1	39.9	62.9	60.9	2
3	56.4	56.6	61.2	225	223	121	79.3	47.6	32.0	40.8	62.9	60.9	3
4	53.2	56.6	68.4	249	253	103	71.6	47.6	30.6	41.3	64.8	58.6	4
5	53.2	56.6	68.4	235	542	90.3	81.0	42.8	30.0	44.2	63.7	58.6	5
6	53.2	56.6	63.3	212	477	104	82.1	37.7	31.1	45.6	87.2	58.6	6
7	57.2	56.6	61.2	229	441	98.3	77.0	37.1	31.1	49.3	88.9	58.6	7
8	58.9	56.6	61.2	226	329	97.7	76.5	36.0	45.9	60.0	81.3	58.6	8
9	58.9	54.9	61.2	243	333	92.9	60.6	36.0	49.0	69.1	63.4	58.9	9
10	56.4	54.9	61.2	282	297	104	60.0	37.1	45.6	69.1	61.4	58.6	10
11	56.4	55.8	61.2	308	284	96.3	60.0	36.0	48.4	80.4	61.2	59.7	11
12	54.1	55.8	61.2	313	219	99.1	60.0	35.1	47.6	68.0	61.2	58.9	12
13	53.2	54.9	61.2	336	258	114	60.3	34.0	48.7	73.6	59.5	58.9	13
14	53.2	55.8	60.3	408	271	108	56.6	31.1	48.4	67.7	59.5	60.3	14
15	51.3	55.8	59.5	347	250	118	55.2	31.1	50.7	66.3	59.5	60.3	15
16	52.7	55.8	59.5	368	261	112	53.5	29.4	53.5	65.1	59.5	58.9	16
17	53.2	55.8	59.5	345	229	116	54.4	29.4	53.5	63.4	60.9	58.9	17
18	53.2	58.0	59.5	429	206	111	56.6	34.5	53.2	60.9	60.9	58.9	18
19	53.2	58.6	58.6	403	222	122	56.6	35.1	53.5	60.9	60.9	58.9	19
20	54.1	55.8	58.4	358	163	109	56.1	30.0	49.8	62.9	60.9	58.9	20
21	56.4	58.0	53.5	323	146	101	51.5	31.1	51.5	64.2	60.9	58.9	21
22	54.1	60.6	57.8	258	126	86.4	48.4	30.6	53.2	64.3	60.9	60.6	22
23	51.3	74.5	58.6	266	156	88.3	43.3	30.6	55.2	62.9	60.6	59.7	23
24	56.4	60.3	56.6	289	161	83.5	43.3	30.6	47.3	62.9	60.6	60.6	24
25	57.2	60.3	55.2	289	161	77.9	44.7	30.6	44.5	62.9	60.6	60.6	25
26	57.2	69.1	59.5	271	180	70.2	44.7	30.6	39.1	62.9	60.6	59.7	26
27	57.2	81.6	62.0	326	190	88.3	45.9	30.6	39.6	62.9	60.3	59.7	27
28	57.2	68.2	62.0	334	195	81.8	53.0	30.0	38.8	62.9	60.6	59.7	28
29	56.4		61.2	344	184	77.3	51.5	30.0	44.2	62.9	60.6	59.7	29
30	56.4		66.0	285	157	96.3	47.0	29.4	42.8	62.9	60.6	59.7	30
31	54.1		124		152		47.0	30.0		62.9		59.7	31
TOTAL	1 712.8	1 658.5	1 962.1	8 889	7 657	3 001.6	1 884.4	1 082.2	1 325.9	1 862.6	1 909.7	1 844.1	TOTAL
MEAN	55.3	59.2	63.3	296	247	100	60.8	34.9	44.2	60.1	63.7	59.5	MEAN
MAX	58.9	81.6	124	429	542	128	111	52.1	55.2	80.4	88.9	60.9	MAX
MIN	51.3	54.9	53.5	121	126	70.2	43.3	29.4	30.0	39.4	59.5	58.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 95.3
MAXIMUM DAILY, 542 ON MAY 5
MINIMUM DAILY, 29.4 ON AUG 16

DATA CONTRIBUTED BY -
ABITIBI - PRICE INC.

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 16 06 N
LONG 81 38 30 W
DRAINAGE AREA, 10 000 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	148 000	JUL	163 000
FEB	143 000	AUG	93 500
MAR	170 000	SEP	115 000
APR	768 000	OCT	161 000
MAY	662 000	NOV	165 000
JUN	259 000	DEC	159 000

TOTAL DISCHARGE, 3 010 000 dam³

MATTAGAMI RIVER NEAR TIMMINS - STATION NO. 04LA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	57.5	63.4	81.6E	66.0	119	91.6	73.4	39.8	34.6	38.2	45.0	55.6	1
2	57.6	63.3	76.5E	71.3	92.2	89.4	72.2	39.8	40.4	38.8	46.1	54.7	2
3	64.1	64.6	71.6E	72.4	74.0	84.2	71.3	39.1	38.4	38.8	46.6	54.0	3
4	63.8	67.7A	68.0E	80.6	72.1	78.8	70.1	39.3	37.6	38.6	46.7	51.6	4
5	62.1	65.1E	63.7E	83.8	97.9	74.8	71.8	35.1	37.0	38.2	47.0	51.6	5
6	61.1	63.7E	61.9E	81.6	131	74.7	71.2	36.4	36.4	39.9	44.3	52.6	6
7	59.6	62.9E	58.3E	82.8	148 E	74.3	69.0	38.0	35.8	44.4	40.4	52.5B	7
8	59.4	62.3E	56.1E	84.9	153 E	74.3	65.0	38.3	36.7	47.8	38.5	52.5B	8
9	59.6	61.7E	54.9A	87.2	142 E	75.4	58.2	37.7	36.5	49.8	36.6	47.0B	9
10	59.7	61.2E	54.4	96.9	110 E	75.5	55.7	36.6	37.1	48.9	34.5	46.0B	10
11	59.9	60.9E	53.7	131	100 E	76.8	54.7	36.1	36.7	47.5	33.8	52.0B	11
12	59.9	60.6E	52.9	141	100 E	78.6	55.1	35.8	37.0	45.9	33.5B	52.0B	12
13	60.0	60.0E	52.6	136	102 A	83.6	56.1	35.1	37.8	43.8	33.0B	53.0B	13
14	60.0	59.7E	52.8	142	106	87.6	56.6	32.3	37.6	39.7	32.5B	55.0B	14
15	60.0	59.5E	52.9	151	108	83.1	56.4	32.9	38.8	36.9	32.0	58.1	15
16	59.8	59.5E	53.2	171	106	91.1	53.6	32.0	40.6	35.9	31.5	63.3	16
17	59.6	59.5E	54.3	203	103	91.1	49.3	31.9	39.9	35.8	35.3	64.2	17
18	59.1	59.5E	53.8	207	99.0	91.7	47.5	31.8	38.9	36.3	37.2	65.0	18
19	56.5	61.4E	52.7	204	96.0	88.8	46.2	32.0	37.5	38.0	37.6	58.8	19
20	48.6	62.3E	51.2	196	93.1	86.6	45.5	31.5	33.9	37.7	37.6	53.0B	20
21	52.1	63.7E	49.1	184	91.0	84.5	43.2	30.7	35.5	35.6	37.2	53.0B	21
22	61.3	64.6E	48.2	174	94.7	81.9	41.5	29.7	35.2	36.6	36.9	54.5B	22
23	62.8	65.4E	47.8	167	110	79.1	40.7	29.8	36.3	37.0	37.7	55.5B	23
24	62.3	67.7E	47.1	162	111	72.9	40.3	30.3	33.7	36.6	39.7	56.0B	24
25	62.4	69.4E	48.0	157	107	71.3	42.3	29.6	31.7	35.4	45.5	56.4	25
26	62.0	72.2E	54.0	153	96.9	78.1	42.4	29.1	33.7	35.5	53.9	55.0	26
27	62.6	81.3E	55.1	152	97.3	78.8	41.5	28.7	35.0	38.5	56.7	53.0B	27
28	62.8	87.8E	55.0	155	98.0	77.1	40.6	27.8	35.2	37.6	56.3	52.5B	28
29	63.1		56.9	158	93.7	77.9	42.1	29.5	35.3	36.6	55.6	52.5B	29
30	63.3		60.8	151	95.7	76.0	41.4	32.1	36.7	37.0	55.9	53.4	30
31	64.0		62.7		93.6		40.4	32.5		40.1		55.0B	31
TOTAL	1 866.6	1 810.9	1 761.3	4 102.5	3 241.2	2 429.6	1 655.3	1 041.3	1 097.5	1 227.4	1 245.1	1 689.3	TOTAL
MEAN	60.2	64.7	56.8	137	105	81.0	53.4	33.6	36.6	39.6	41.5	54.5	MEAN
MAX	64.1	87.8	81.6	207	153	91.7	73.4	39.8	40.6	49.8	56.7	65.0	MAX
MIN	48.6	59.5	47.1	66.0	72.1	71.3	40.3	27.8	31.7	35.4	31.5	46.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 63.5
MAXIMUM DAILY, 207 ON APR 18
MINIMUM DAILY, 27.8 ON AUG 28
MAXIMUM INSTANTANEOUS,
208 AT 14:15 EST ON APR 18

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 23 52 N
LONG 81 26 45 W
DRAINAGE AREA, 5 540 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	161 000	JUL	143 000
FEB	156 000	AUG	90 000
MAR	152 000	SEP	94 800
APR	354 000	OCT	106 000
MAY	280 000	NOV	108 000
JUN	210 000	DEC	146 000

TOTAL DISCHARGE, 2 000 000 dam³

MATTAWA RIVER BELOW BOUILLON LAKE - STATION NO. 02JE020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.20B	6.78	37.1	43.6	22.1	16.9	10.2	3.63	9.07	11.9	19.4	13.5	1
2	9.00B	6.93	35.2	61.6	21.8	15.8	8.63	3.24	10.4	12.0	17.7	13.2	2
3	8.85B	6.99	32.6	67.9	21.0	14.3	8.50	3.26	11.1	12.2	16.4	13.3	3
4	8.70B	6.88	30.1	77.2	20.0	12.3	8.00	3.51	11.6	12.2	15.2	13.5	4
5	8.50B	6.83	28.1	94.7	18.8	12.9	7.91	5.56	15.7	12.0	14.3	13.6	5
6	8.35B	6.76	26.1	103	18.4	16.7	7.91	8.96	22.3	12.2	13.9	13.4	6
7	8.20B	6.69	24.8	96.3	18.1	17.0	6.94	9.58	22.3	17.0	13.6	13.0	7
8	8.10B	6.76	23.5	87.9	17.8	15.9	4.46	9.29	21.6	26.5	13.1	12.7	8
9	8.00B	6.73	22.3	86.3	17.4	15.3	3.37	8.82	24.5	28.4	12.8	12.5	9
10	7.90B	6.69	21.3	86.2	17.2	15.2	2.87	8.30	23.7	27.2	12.1	12.2	10
11	7.80B	7.37	20.3	82.7	18.3	15.4	2.23	7.89	23.5	25.1	11.8	11.8	11
12	7.70B	7.57	19.5	76.6	20.9	15.2	1.78	7.48	24.0	23.0	11.5	11.5	12
13	7.65B	7.59	19.0	69.0	27.5	15.0	2.12	6.87	23.6	21.3	11.3	11.2	13
14	7.55B	7.74	18.4	60.0	40.5	14.9	3.51	6.30	22.9	19.8	11.1	11.0	14
15	7.50B	7.79	17.7	59.8	43.9	18.1	4.11	5.93	21.7	18.8	10.8	10.9	15
16	7.40B	7.93	17.2	55.7	42.4	34.8	3.98	5.66	20.2	18.2	10.6	10.7	16
17	7.30B	8.06	16.6	46.3	39.3	45.8	3.85	5.35	18.6	17.6	11.6	10.5	17
18	7.25B	8.48	16.1	43.1	33.2	43.6	3.78	4.95	16.7	18.7	15.0	10.2	18
19	7.20B	9.45	15.5	40.5	30.3	38.9	3.65	4.51	11.8	24.2	16.7	9.91	19
20	7.15B	11.5	14.9	38.0	28.1	34.5	2.91	3.39	11.3	33.4	17.0	9.65	20
21	7.10B	14.1	14.4	32.2	23.5	30.4	3.08	2.31	11.8	41.1	17.1	9.35	21
22	7.05B	17.0	14.2	22.8	10.0	28.1	5.19	1.64	12.0	39.5	16.7	9.14	22
23	7.00B	21.3	14.0	21.4	7.63	26.7	6.50	1.08	11.9	37.2	16.1	8.97	23
24	6.95B	29.9	13.9	21.2	9.39	24.0	6.28	0.971	11.7	34.8	15.3	8.94	24
25	6.95B	37.2	14.0	21.1	16.9	21.0	5.92	0.927	11.3	32.3	14.5	8.89	25
26	6.90B	40.4	14.4	20.8	20.6	21.7	5.75	0.979	11.1	30.0	14.0	8.79	26
27	6.90B	40.2	15.1	20.5	20.2	21.3	5.54	2.72	11.5	28.1	14.1	8.61	27
28	6.85B	38.8	15.8	20.1	19.1	19.4	5.21	4.06	12.1	26.3	14.2	8.58	28
29	6.85B		16.8	20.6	18.3	16.1	5.08	4.19	12.3	24.4	14.2	8.59	29
30	6.80B		21.9	21.7	18.0	15.1	4.97	4.62	12.1	22.8	14.0	8.50	30
31	6.80B		32.4		17.6		4.71	5.40		21.2		8.38	31
TOTAL	235.45	390.42	643.2	1 598.8	698.22	652.3	158.94	151.377	484.37	729.4	426.1	335.00	TOTAL
MEAN	7.60	13.9	20.7	53.3	22.5	21.7	5.13	4.88	16.1	23.5	14.2	10.8	MEAN
MAX	9.20	40.4	37.1	103	43.9	45.8	10.2	9.58	24.5	41.1	19.4	13.6	MAX
MIN	6.80	6.69	13.9	20.1	7.63	12.3	1.78	0.927	9.07	11.9	10.6	8.38	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.8
MAXIMUM DAILY, 103 ON APR 6
MINIMUM DAILY, 0.927 ON AUG 25
MAXIMUM INSTANTANEOUS,
104 AT 10:22 EST ON APR 6

REMARKS - DRAINAGE AREA REVISED

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 17 56 N
LONG 78 54 26 W
DRAINAGE AREA, 909 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 300	JUL	13 700
FEB	33 700	AUG	13 100
MAR	55 600	SEP	41 800
APR	138 000	OCT	63 000
MAY	60 300	NOV	36 800
JUN	56 400	DEC	28 900

TOTAL DISCHARGE, 562 000 dam³

MCGREGOR CREEK NEAR CHATHAM - STATION NO. 02GE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.095B	0.350B	4.12	1.14	2.42	0.205	0.322	0.547	0.223	40.6	2.07	0.940	1
2	0.090B	0.355B	3.24	0.894	1.74	0.170	0.284	0.319	0.232	27.8	1.77	2.01	2
3	0.085B	0.362B	2.08	0.661	1.34	6.43	0.241	0.235	0.726	14.2	1.55	2.23	3
4	0.080B	0.375B	1.54	0.548	1.11	12.1	0.197	0.176	0.449	6.84	1.39	1.60	4
5	0.076B	0.430B	1.36	0.487	0.963	5.83	0.176	0.151	0.472	3.47	1.35	1.34	5
6	0.073B	0.410B	1.15	0.400	0.851	2.00	0.161	0.132	0.452	3.00	1.67	1.14	6
7	0.071B	0.400B	0.967	0.315	0.703	1.13	0.142	0.486	0.322	5.35	1.80	1.04	7
8	0.068B	0.390B	1.01	0.278	0.595	0.914	0.122	34.4	0.248	2.88	1.41	1.05	8
9	0.068B	0.380B	0.967	0.278	0.567	5.75	0.133	89.7	0.196	1.80	1.13	0.922B	9
10	0.067B	0.420B	1.25	0.249	0.670	2.55	0.265	38.3	0.171	1.39	0.993	0.732B	10
11	0.067B	3.00 B	1.63	0.262	1.78	1.20	0.553	12.8	0.156	1.14	0.982	0.670B	11
12	0.066B	4.10 B	1.52	0.780	2.76	0.681	0.248	6.77	0.145	0.979	0.921	0.610B	12
13	0.065B	4.35 B	1.44	2.06	1.94	0.494	0.148	3.62	0.135	0.842	0.841	0.580B	13
14	0.063B	4.30 B	1.24	8.18	1.37	4.30	0.119	3.51	0.393	0.724	0.789	0.560B	14
15	0.062B	4.05 B	1.22	9.13	1.36	14.4	0.100	3.84	0.207	0.674	0.762	0.545B	15
16	0.061B	8.50 B	1.09	3.54	1.79	5.56	0.083	3.60	0.236	0.633	0.737	0.480B	16
17	0.060B	22.0 B	0.961	2.16	1.42	1.91	0.075	2.02	0.442	0.590	0.702	0.420B	17
18	0.060B	20.5 B	0.839	1.95	1.03	1.17	0.076	1.29	0.915	1.12	0.663	0.370B	18
19	0.060B	18.0	0.667	1.57	0.783	0.784	0.070	0.924	1.01	2.82	0.632	0.330B	19
20	0.060B	27.8	0.626	1.21	0.625	0.550	6.33	0.704	0.779	2.00	1.16	0.280B	20
21	0.059B	17.6	0.634	0.956	0.512	0.435	6.53	0.564	0.539	1.35	2.81	0.260B	21
22	0.059B	10.5	0.582	0.778	0.423	12.0	2.55	0.466	2.36	4.73	2.25	0.270B	22
23	0.059B	13.2	0.622	2.96	0.370	14.2	1.03	0.398	2.33	17.0	1.46	2.00 B	23
24	0.059B	15.0	0.728	5.70	0.311	4.93	0.442	0.342	1.41	10.5	1.13	4.00 B	24
25	0.059B	8.49	0.814	3.98	0.309	5.87	0.256	0.286	0.837	4.56	0.944	3.20 B	25
26	0.210B	5.17	0.899	2.31	0.304	2.40	0.288	0.250	0.615	2.73	0.832	2.00 B	26
27	0.340B	3.15	1.32	1.66	0.310	1.26	0.250	0.228	0.551	10.3	0.863	1.40 B	27
28	0.450B	3.06	1.55	1.51	0.312	0.789	5.53	0.209	0.450	17.4	0.873	0.900B	28
29	0.480B		1.37	4.94	0.287	0.526	8.19	0.217	0.377	8.89	0.765	0.740B	29
30	0.490B		1.28	4.71	0.279	0.396	3.35	0.291	1.36	4.31	0.674	0.650B	30
31	0.410B		1.27		0.246		1.17	0.226		2.65		0.590B	31
TOTAL	4.072	196.642	39.986	65.616	29.480	110.934	39.431	207.001	18.738	203.272	35.923	33.859	TOTAL
MEAN	0.131	7.02	1.29	2.19	0.951	3.70	1.27	6.68	0.625	6.56	1.20	1.09	MEAN
MAX	0.490	27.8	4.12	9.13	2.76	14.4	8.19	89.7	2.36	40.6	2.81	4.00	MAX
MIN	0.059	0.350	0.582	0.249	0.246	0.170	0.070	0.132	0.135	0.590	0.632	0.260	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.70
MAXIMUM DAILY, 89.7 ON AUG 9
MINIMUM DAILY, 0.059B ON JAN 21
MAXIMUM INSTANTANEOUS,
98.7 AT 00:43 EST ON AUG 9

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 23 00 N
LONG 82 05 39 W
DRAINAGE AREA, 202 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	352	JUL	3 410
FEB	17 000	AUG	17 900
MAR	3 450	SEP	1 620
APR	5 670	OCT	17 600
MAY	2 550	NOV	3 100
JUN	9 580	DEC	2 930

TOTAL DISCHARGE, 85 200 dam³

MCINTYRE RIVER AT THUNDER BAY - STATION NO. 02AB016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.226B	0.185B	0.322B	4.05	2.69	1.36	1.31	0.078	0.362	0.422	0.610	0.220B	1
2	0.222B	0.183B	0.320B	5.53	2.81	5.24	1.05	0.057	0.103	0.388	0.532	0.210B	2
3	0.218B	0.181B	0.318B	6.88	5.85	9.23	0.978	0.084	0.092	0.307	0.489	0.200B	3
4	0.214B	0.179B	0.313B	4.81	5.77	8.22	1.00	0.071	0.082	0.358	0.454	0.192B	4
5	0.210B	0.177B	0.309B	4.09	4.55	4.59	0.867	0.051	0.056	0.500	0.418	0.187B	5
6	0.208B	0.175B	0.307B	4.06	3.50	2.98	0.747	0.090	0.052	0.639	0.414	0.180B	6
7	0.205B	0.173B	0.305B	4.58	2.86	2.13	0.601	0.119	0.224	0.605	0.383	0.175B	7
8	0.201B	0.171B	0.307B	6.34	2.42	3.08	0.528	0.101	0.189	0.510	0.355	0.170B	8
9	0.198B	0.169B	0.310B	7.63	2.39	3.20	0.422	0.228	0.151	0.368	0.352	0.165B	9
10	0.196B	0.167B	0.320B	9.48	2.41	2.71	0.339	0.226	0.146	0.319	0.346B	0.160B	10
11	0.194B	0.165B	0.326B	10.4	2.52	2.26	0.361	0.158	0.090	0.276	0.334B	0.155B	11
12	0.191B	0.163B	0.328B	9.29	2.31	1.79	0.299	0.114	0.088	0.279	0.310B	0.152B	12
13	0.189B	0.161B	0.328B	8.63	1.97	1.69	0.296	0.091	0.066	0.260E	0.292	0.148B	13
14	0.186B	0.161B	0.325B	8.46	1.71	2.37	0.228	0.128	0.092	0.290E	0.354	0.145B	14
15	0.184B	0.163B	0.320B	6.73	1.63	3.03	0.165	0.107	0.093	0.705E	0.298	0.142B	15
16	0.185B	0.175B	0.316B	6.67	1.48	2.48	0.150	0.071	0.077	0.680E	0.309	0.138B	16
17	0.186B	0.200B	0.312B	8.21	1.33	1.73	0.142	0.069	0.056	0.580E	0.306B	0.135B	17
18	0.190B	0.240B	0.306B	8.30	1.24	1.58	0.134	0.067	0.026	0.870E	0.298B	0.132B	18
19	0.200B	0.280B	0.302B	6.40	1.15	1.46	0.169	0.063	0.030	1.11	0.272B	0.129B	19
20	0.202B	0.333B	0.300B	4.65	1.08	1.37	0.152	0.034	0.069	0.864	0.250B	0.127B	20
21	0.204B	0.340B	0.304B	3.69	1.09	1.45	0.191	0.031	0.045	0.800	0.222B	0.124B	21
22	0.206B	0.350B	0.310B	3.34	0.999	1.30	0.135	0.030	0.050	0.676	0.210B	0.122B	22
23	0.204B	0.351B	0.330B	4.74	0.967	1.04	0.120	0.028	0.042	0.654	0.203B	0.119B	23
24	0.202B	0.348B	0.400B	5.62	1.14	1.85	0.116	0.030	0.062	0.567	0.205B	0.117B	24
25	0.200B	0.345B	0.500B	4.47	3.15	3.36	0.155	0.030	0.047	0.544	0.215B	0.115B	25
26	0.198B	0.340B	0.580B	3.82	3.73	2.22	0.131	0.031	0.207	0.415	0.232B	0.113B	26
27	0.195B	0.335B	0.692B	3.48	2.43	1.50	0.134	0.026	0.300	0.412B	0.240B	0.111B	27
28	0.192B	0.330B	0.900B	3.30	1.67	1.66	0.115	0.026	0.403	0.425B	0.242B	0.109B	28
29	0.190B		1.50 B	3.28	1.39	2.19	0.098	0.025	0.315	0.434	0.238B	0.107B	29
30	0.189B		1.91 B	3.07	1.44	1.69	0.088	0.038	0.249	0.434	0.228B	0.106B	30
31	0.187B		2.62		1.33		0.083	0.101		0.584		0.104B	31
TOTAL	6.172	6.540	16.340	174.00	71.006	80.76	11.304	2.403	3.864	16.275	9.611	4.509	TOTAL
MEAN	0.199	0.234	0.527	5.80	2.29	2.69	0.365	0.078	0.129	0.525	0.320	0.145	MEAN
MAX	0.226	0.351	2.62	10.4	5.85	9.23	1.31	0.228	0.403	1.11	0.610	0.220	MAX
MIN	0.184	0.161	0.300	3.07	0.967	1.04	0.083	0.025	0.026	0.260	0.203	0.104	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.10
MAXIMUM DAILY, 10.4 ON APR 1
MINIMUM DAILY, 0.025 ON AUG 29
MAXIMUM INSTANTANEOUS,
11.0 AT 08:27 EST ON JUN 3

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 25 07 N
LONG 89 15 55 W
DRAINAGE AREA, 145 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	533	JUL	977
FEB	565	AUG	208
MAR	1 410	SEP	334
APR	15 000	OCT	1 410
MAY	6 130	NOV	830
JUN	6 980	DEC	390

TOTAL DISCHARGE, 34 800 dam³

MCKENZIE CREEK NEAR CALEDONIA - STATION NO. 02GB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.400B	0.400B	4.72	1.79	2.68	0.535	0.423	0.643	0.490	0.814	3.18	1.42 E	1
2	0.355B	0.390B	3.93	1.76	2.17	0.495	0.423	0.681	0.581	0.968	2.65	1.80 E	2
3	0.330B	0.375B	3.03	1.67	1.82	0.458	0.486	0.599	0.854	0.987	2.16	1.62 E	3
4	0.310B	0.365B	2.26	1.60	1.54	0.443	0.548	0.511	3.01	1.03	1.74	1.45 E	4
5	0.280B	0.350B	1.76	1.44	1.32	0.462	0.548	0.456	5.39	1.04	1.43	1.33 E	5
6	0.282B	0.355B	1.34	1.24	1.11	0.491	0.526	0.410	5.79	1.07	1.25	1.26 E	6
7	0.280B	0.360B	1.20	1.09	0.952	0.510	0.545	0.380	4.62	1.09	1.11	1.20 E	7
8	0.279B	0.352B	1.07	0.969	0.876	0.511	0.822	1.90	3.71	1.03	0.982	1.22	8
9	0.275B	0.350B	0.981	0.881	0.839	0.486	1.21	12.7	3.34	0.956	0.946	1.05 B	9
10	0.270B	0.340B	0.942	0.823	0.805	0.456	1.26	5.67	2.82	0.902	0.922	0.930B	10
11	0.270B	2.50 B	0.924	0.765	0.888	0.445	0.840	2.45	2.18	0.834	0.858	0.840B	11
12	0.270B	2.40 B	0.912	0.730	1.24	0.479	0.561	1.75	1.40	0.770	0.818	0.750B	12
13	0.271B	2.30 B	0.939	0.705	1.52	0.479	0.471	1.36	0.930	0.708	0.767	0.733	13
14	0.275B	2.20 B	0.994	1.17	1.54	0.473	0.406	1.08	0.752	0.656	0.715	0.726	14
15	0.279B	2.10 B	0.974	2.12	1.50	0.449	0.353	1.18	0.656	0.625	0.690	0.733	15
16	0.280B	2.50 B	0.932	2.30	1.44	0.429	0.330	1.29	0.603	0.592	0.682	0.707	16
17	0.279B	8.00 B	0.894	2.15	1.39	0.427	0.308	1.06	0.587	0.573	0.699	0.690B	17
18	0.271B	15.0 B	0.860B	2.44	1.32	0.427	0.292	0.756	0.554	0.599	0.696	0.670B	18
19	0.280B	18.0 B	0.911B	2.57	1.26	0.474	0.313	0.636	0.526	0.635	0.716	0.660B	19
20	0.290B	21.2	0.772B	2.28	1.14	0.486	0.533	0.581	0.529	0.687	1.71	0.630B	20
21	0.282B	19.5	0.705B	1.95	0.981	0.487	0.531	0.521	0.626	0.884	3.57	0.610B	21
22	0.280B	17.3	0.741	1.65	0.858	0.569	0.482	0.399	1.68	1.50	3.62	0.670B	22
23	0.310B	13.7	0.735	1.76	0.820	1.58	0.482	0.309	1.79	3.38	2.89	0.740B	23
24	0.340B	12.5	0.727	2.49	0.742	1.83	0.582	0.303	1.59	4.05	2.35	0.720B	24
25	0.365B	10.8	0.720	3.05	0.651	1.41	0.635	0.329	1.43	3.47	2.07	0.710B	25
26	0.420B	8.51	0.744	2.84	0.564	1.32	0.601	0.347	1.38	2.92	1.76	0.690B	26
27	0.405B	6.57	0.930	2.50	0.490	1.35	0.467	0.369	1.36	5.29	1.54	0.680B	27
28	0.390B	5.22	1.10	2.54	0.526	1.01	0.477	0.360	1.21	7.16	1.44	0.740B	28
29	0.365B		1.18	3.19	0.530	0.535	0.542	0.345	0.957	5.71	1.33	0.720B	29
30	0.350B		1.25	3.22	0.516	0.420	0.495	0.357	0.802	4.88	1.27 E	0.710B	30
31	0.365B		1.44		0.490		0.543	0.460		3.73		0.705B	31
TOTAL	9.698	173.937	40.617	55.683	34.518	19.958	17.035	40.192	52.147	59.140	46.561	28.114	TOTAL
MEAN	0.313	6.21	1.31	1.86	1.11	0.665	0.550	1.30	1.74	1.91	1.55	0.907	MEAN
MAX	0.420	21.2	4.72	3.22	2.68	1.83	1.26	12.7	5.79	7.16	3.62	1.80	MAX
MIN	0.270	0.340	0.705	0.705	0.490	0.420	0.292	0.303	0.490	0.573	0.682	0.610	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.58
MAXIMUM DAILY, 21.2 ON FEB 20
MINIMUM DAILY, 0.270B ON JAN 10
MAXIMUM INSTANTANEOUS,
22.1 AT 00:01 EST ON FEB 20

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 02 03 N
LONG 79 57 00 W
DRAINAGE AREA, 171 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	838	JUL	1 470
FEB	15 000	AUG	3 470
MAR	3 510	SEP	4 510
APR	4 810	OCT	5 110
MAY	2 980	NOV	4 020
JUN	1 720	DEC	2 430

TOTAL DISCHARGE, 49 900 dam³

MEDWAY RIVER AT LONDON - STATION NO. 02GD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.335B	0.220B	9.02	3.77	5.02	0.562	0.395	0.201	0.242	3.07	2.71	2.83	1
2	0.315B	0.225B	6.56	2.78	3.53	0.452	0.392	0.191	0.237	7.87	2.38	4.50	2
3	0.295B	0.227B	4.75	2.12	2.63	0.575	0.430	0.270	0.771	5.26	2.02	4.33	3
4	0.280B	0.225B	3.76	1.80	2.13	0.755	0.259	0.391	4.16	3.38	1.78	3.39	4
5	0.265B	0.220B	3.16	1.57	1.84	0.500	0.224	0.345	6.99	2.51	2.06	2.71	5
6	0.255B	0.215B	2.75	1.34	1.62	0.377	0.321	0.332	4.18	3.60	2.91	2.28	6
7	0.240B	0.205B	2.37	1.04	1.39	0.348	0.306	0.384	2.69	8.54	5.05	2.25	7
8	0.235B	0.202B	2.14	0.961	1.21	0.675	0.313	0.252	1.81	7.32	4.18	2.35	8
9	0.225B	0.205B	2.32	0.938	1.07	0.549	0.303	0.149	1.32	5.19	3.10	2.21	9
10	0.215B	0.220B	2.90	0.798	1.25	0.452	0.321	0.225	0.922	3.64	2.35	1.80 B	10
11	0.205B	0.350B	3.25	0.966	1.62	0.448	0.178	0.433	0.693	2.70	1.99	1.55 B	11
12	0.201B	0.827B	2.93	0.987	2.40	0.379	0.117	0.367	0.575	2.09	1.69	1.43 B	12
13	0.190B	1.50 B	3.29	0.924	2.62	0.405	0.183	0.322	0.527	1.72	1.43	1.20	13
14	0.190B	2.30 B	2.69	3.68	2.23	0.489	0.330	0.312	0.558	1.36	1.29	1.08	14
15	0.170B	2.28 B	2.24	4.79	1.99	0.450	0.316	0.341	2.46	1.21	1.19	0.965	15
16	0.162B	2.10 B	2.07	3.14	1.95	0.439	0.328	0.134	1.80	1.20	1.22	0.906	16
17	0.158B	4.00 B	1.78	3.72	1.50	0.369	0.334	0.129	1.59	1.06	1.11	0.853	17
18	0.155B	9.00 B	1.47	5.12	1.45	0.361	0.261	0.283	1.32	1.76	1.06	0.840B	18
19	0.153B	20.0 B	1.37	3.74	1.19	0.350	0.206	0.275	1.82	4.24	1.04	0.810B	19
20	0.150B	40.0 B	1.30	2.88	1.06	0.212	0.372	0.216	1.60	6.02	2.13	0.800B	20
21	0.147B	38.0 B	1.30	2.15	0.925	1.59	0.357	0.101	1.83	4.53	6.15	0.800B	21
22	0.143B	36.0 B	1.20	1.82	0.820	3.91	0.261	0.067	5.10	7.27	5.40	0.980B	22
23	0.142B	60.5	1.41	4.27	0.732	3.15	0.144	0.059	6.66	17.0	4.09	1.25 B	23
24	0.146B	46.3	1.61	5.68	0.691	1.66	0.105	0.043	3.70	11.2	3.08	1.40 B	24
25	0.178B	18.1	1.75	5.72	0.847	1.17	0.091	0.037	2.35	6.73	2.41	1.05 B	25
26	0.205B	10.6	1.91	4.12	0.648	0.919	0.121	0.044	1.82	5.01	2.22	0.900B	26
27	0.210B	7.77	2.54	3.23	0.659	0.644	0.110	0.043	1.46	4.68	3.15	0.830B	27
28	0.205B	8.54	2.73	5.87	0.787	0.521	0.738	0.128	1.29	6.87	4.08	0.790B	28
29	0.190B		2.44	12.2	0.595	0.516	0.293	0.095	1.04	5.95	3.23	0.770B	29
30	0.180B		2.99	7.83	0.632	0.421	0.238	0.173	1.00	4.23	2.55	0.760B	30
31	0.200B		4.39		0.490		0.214	0.140		3.30		0.750B	31
TOTAL	6.340	310.331	86.39	99.954	47.526	23.648	8.561	6.482	62.515	150.51	79.05	49.364	TOTAL
MEAN	0.205	11.1	2.79	3.33	1.53	0.788	0.276	0.209	2.08	4.86	2.64	1.59	MEAN
MAX	0.335	60.5	9.02	12.2	5.02	3.91	0.738	0.433	6.99	17.0	6.15	4.50	MAX
MIN	0.142	0.202	1.20	0.798	0.490	0.212	0.091	0.037	0.237	1.06	1.04	0.750	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.55
MAXIMUM DAILY, 60.5 ON FEB 23
MINIMUM DAILY, 0.037 ON AUG 25
MAXIMUM INSTANTANEOUS,
81.1 AT 21:22 EST ON FEB 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 00 50 N
LONG 81 16 39 W
DRAINAGE AREA, 200 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	548	JUL	740
FEB	26 800	AUG	560
MAR	7 460	SEP	5 400
APR	8 640	OCT	13 000
MAY	4 110	NOV	6 830
JUN	2 040	DEC	4 270

TOTAL DISCHARGE, 80 400 dam³

REMARKS - DRAINAGE AREA REVISED USING NEW INFORMATION

MICHELL CREEK BELOW CLAREMONT - STATION NO. 02HC045

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.093B	0.130B	0.264	0.256	0.093	0.078	0.066	0.051	0.090	0.083	0.152	0.171	1
2	0.090B	0.100B	0.199	0.199	0.091	0.069	0.059	0.054	0.136	0.093	0.140	0.235	2
3	0.084B	0.075B	0.155B	0.165	0.089	0.091	0.056	0.053	0.117	0.086	0.131	0.205	3
4	0.081B	0.066B	0.148B	0.168	0.088	0.100	0.057	1.91	1.45	0.085	0.125	0.153	4
5	0.081B	0.061B	0.142B	0.151	0.092	0.085	0.074	0.963	0.812	0.083	0.125	0.123B	5
6	0.082B	0.060B	0.140B	0.123	0.097	0.076	0.068	0.154	0.299	0.604	0.187	0.108B	6
7	0.083B	0.060B	0.137B	0.124	0.084	0.066	0.052	0.098	0.197	0.404	0.178	0.103B	7
8	0.084B	0.060B	0.162	0.127	0.078	0.068	0.050	0.092	0.181	0.240	0.154	0.111B	8
9	0.085B	0.060B	0.167	0.117	0.082	0.070	0.049	0.089	0.124	0.137	0.130	0.110B	9
10	0.086B	0.062B	0.165	0.108	0.146	0.087	0.046	0.074	0.104	0.120	0.118	0.095B	10
11	0.086B	0.340B	0.156	0.116	0.724	0.082	0.046	0.605	0.092	0.107	0.127	0.102B	11
12	0.086B	0.275B	0.135B	0.110	0.387	0.074	0.045	0.468	0.079	0.100	0.113	0.106B	12
13	0.086B	0.250B	0.125B	0.108	0.173	0.073	0.045	0.131	0.070	0.098	0.112	0.108B	13
14	0.085B	0.235B	0.118B	0.423	0.137	0.075	0.043	0.092	0.069	0.095	0.118	0.109B	14
15	0.085B	0.225B	0.124B	0.198	0.145	0.071	0.042	0.964	0.070	0.120	0.122	0.110B	15
16	0.085B	0.350B	0.108B	0.137	0.126	0.130	0.041	0.409	0.069	0.119	0.345	0.115B	16
17	0.085B	0.498B	0.104	0.280	0.106	0.163	0.039	0.134	0.076	0.103	0.452	0.116B	17
18	0.085B	1.22 B	0.178	0.205	0.093	0.086	0.046	0.093	0.080	0.816	0.248	0.112B	18
19	0.085B	2.60 B	0.101	0.134	0.093	0.077	0.054	0.078	0.075	0.315	0.201	0.111B	19
20	0.085B	4.60 B	0.090	0.114	0.086	0.075	0.073	0.073	0.071	0.173	0.725	0.110B	20
21	0.085B	3.00 B	0.094	0.111	0.077	0.081	0.061	0.066	0.089	0.158	0.681	0.110B	21
22	0.086B	1.37	0.099	0.112	0.067	0.270	0.053	0.062	0.125	0.405	0.292	0.109B	22
23	0.088B	1.67	0.107	0.120	0.067	0.142	0.047	0.059	0.093	0.692	0.202	0.106B	23
24	0.089B	0.959	0.112	0.156	0.065	0.089	0.046	0.060	0.084	0.394	0.180	0.124B	24
25	0.090B	0.510	0.119	0.135	0.079	0.082	0.046	0.057	0.075	0.203	0.151	0.121B	25
26	0.094B	0.354	0.120	0.111	0.101	0.068	0.052	0.055	0.087	0.294	0.143	0.114B	26
27	0.100B	0.264	0.134	0.101	0.153	0.065	0.053	0.060	0.090	0.943	0.600	0.110B	27
28	0.098B	0.289	0.129	0.097	0.248	0.060	0.157	0.086	0.079	0.800	0.300	0.108B	28
29	0.096B		0.148	0.115	0.138	0.059	0.147	0.090	0.073	0.261	0.195	0.106B	29
30	0.096B		0.504	0.106	0.102	0.060	0.081	0.085	0.072	0.182	0.151	0.105B	30
31	0.102B		0.428		0.089		0.060	0.094		0.158		0.103B	31
TOTAL	2.726	19.743	4.912	4.527	4.196	2.672	1.854	7.359	5.128	8.471	6.898	3.761	TOTAL
MEAN	0.088	0.705	0.158	0.151	0.135	0.089	0.060	0.237	0.171	0.273	0.230	0.121	MEAN
MAX	0.102	4.60	0.504	0.423	0.724	0.270	0.157	1.91	1.45	0.943	0.725	0.235	MAX
MIN	0.081	0.060	0.090	0.097	0.065	0.059	0.039	0.051	0.069	0.083	0.112	0.095	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.198
MAXIMUM DAILY, 4.60B ON FEB 20
MINIMUM DAILY, 0.039 ON JUL 17
MAXIMUM INSTANTANEOUS,
8.14 AT 20:34 EST ON AUG 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 57 40 N
LONG 79 07 41 W
DRAINAGE AREA, 25.9 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	236	JUL	160
FEB	1 710	AUG	636
MAR	424	SEP	443
APR	391	OCT	732
MAY	363	NOV	596
JUN	231	DEC	325

TOTAL DISCHARGE, 6 250 dam³

MICHIPICOTEN RIVER AT HIGH FALLS - STATION NO. 02BD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	34.2	54.5	69.0	73.3	61.8	71.1	68.2	73.1	63.8	46.6	20.4	28.4	1
2	61.3	73.6	73.3	58.7	48.5	59.1	73.4	73.7	62.8	44.5	39.4	55.3	2
3	75.0	73.6	59.3	66.2	54.9	58.7	73.9	73.6	69.7	35.6	29.7	42.8	3
4	74.6	73.9	73.8	86.8	56.6	82.0	72.2	73.7	74.6	28.3	37.9	55.5	4
5	64.1	73.5	69.1	141	107	62.6	59.4	70.8	65.2	32.9	25.0	54.6	5
6	58.7	74.1	68.6	137	143	67.7	64.0	71.3	60.0	56.6	51.5	46.0	6
7	64.2	61.1	59.8	62.0	104	28.0	68.8	73.3	13.6	54.3	41.0	46.0	7
8	66.4	52.7	51.4	71.3	62.6	67.1	85.5	73.3	47.6	47.5	32.7	42.2	8
9	70.9	74.3	66.5	68.6	62.1	75.1	72.8	73.1	66.2	50.8	57.6	67.5	9
10	74.1	72.0	62.5	61.0	62.1	82.3	73.1	74.2	73.3	29.6	43.0	64.7	10
11	75.9	73.8	66.9	54.9	56.9	94.8	73.3	73.9	70.8	21.8	39.0	56.1	11
12	66.5	74.5	65.8	65.2	58.0	84.0	72.0	73.6	61.8	40.5	32.8	63.4	12
13	56.1	73.8	73.8	67.6	50.2	81.7	73.3	74.1	62.6	30.2	43.9	46.1	13
14	63.8	48.4	63.5	50.9	54.3	56.5	72.8	74.1	63.7	35.8	38.2	55.8	14
15	69.6	54.6	61.7	61.1	52.1	47.1	83.8	74.5	55.6	49.0	26.6	44.6	15
16	70.7	60.8	65.8	54.9	51.5	45.1	73.6	74.0	65.4	58.1	29.3	61.7	16
17	71.3	49.2	44.5	58.1	53.8	69.8	73.8	74.2	67.6	56.6	18.1	71.8	17
18	50.2	62.1	47.9	59.0	64.4	60.9	73.7	75.3	71.1	53.3	38.4	62.4	18
19	69.7	57.6	39.7	51.6	66.2	64.5	73.0	73.6	61.3	55.0	38.9	64.7	19
20	59.7	62.0	40.1	55.7	73.4	55.3	74.8	72.0	63.9	48.9	42.0	64.2	20
21	67.5	46.7	28.5	36.8	62.4	57.3	74.1	74.3	64.9	62.0	42.2	73.0	21
22	50.3	43.1	17.8	57.8	42.1	69.6	68.7	68.0	66.9	56.9	52.0	54.5	22
23	64.2	57.9	33.9	49.9	42.1	66.8	73.4	67.5	70.3	65.6	43.0	59.4	23
24	46.8	62.5	27.5	45.8	14.7	69.7	73.4	63.8	69.7	68.4	41.4	40.0	24
25	36.4	74.2	30.5	19.8	40.6	55.2	71.9	50.7	74.8	63.7	41.9	22.1	25
26	63.3	68.8	27.8	27.5	40.5	73.9	63.0	68.2	67.8	37.7	58.0	39.4	26
27	58.6	76.3	27.9	47.7	54.9	72.4	67.4	75.0	64.5	46.8	55.2	45.6	27
28	70.8	65.8	29.6	29.9	66.9	74.5	73.7	73.9	67.4	60.7	52.1	49.8	28
29	72.3		27.3	42.1	44.5	73.4	73.6	72.8	65.8	64.6	39.2	60.8	29
30	74.0		34.2	36.9	41.1	69.7	71.8	56.2	69.0	65.1	40.3	41.4	30
31	56.5		43.4		46.3		72.9	63.7		48.5		40.7	31
TOTAL	1 957.7	1 795.4	1 551.0	1 799.1	1 839.5	1 995.9	2 239.3	2 203.5	1 921.7	1 511.9	1 182.7	1 620.5	TOTAL
MEAN	63.2	64.1	50.0	60.0	59.3	66.5	72.2	71.1	64.1	48.8	39.4	52.3	MEAN
MAX	75.9	76.3	73.8	141	143	94.8	85.5	75.3	74.8	68.4	58.0	73.0	MAX
MIN	34.2	43.1	17.8	19.8	14.7	28.0	59.4	50.7	13.6	21.8	10.1	22.1	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 59.2
MAXIMUM DAILY, 143 ON MAY 6
MINIMUM DAILY, 10.1 ON NOV 17

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 54 05 N
LONG 84 42 35 W
DRAINAGE AREA, 5 130 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	169 000	JUL	193 000
FEB	155 000	AUG	190 000
MAR	134 000	SEP	166 000
APR	155 000	OCT	131 000
MAY	159 000	NOV	102 000
JUN	172 000	DEC	140 000

TOTAL DISCHARGE, 1 870 000 dam³

DATA CONTRIBUTED BY -
GREAT LAKES POWER COMPANY LIMITED

REGULATED SINCE 1929

REMARKS - STATION RELOCATED IN SEP 1977. RECORDS PRIOR TO JAN 01 1980 PUBLISHED AS "MICHIPICOTEN RIVER BELOW SCOTT FALLS"

MIDDLE MAITLAND RIVER NEAR BELGRAVE - STATION NO. 02FE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.29B	2.29B	36.0	16.9	9.19	2.61	0.775	0.772	3.68	2.02	7.57	9.51	1
2	2.27B	2.35B	25.1	11.2	7.09	2.35	0.712	0.618	3.53	8.30	6.69	15.8	2
3	2.25B	2.44B	16.3	8.53	5.71	2.28	0.652	0.543	3.18	10.6	5.96	23.1	3
4	2.22B	2.48B	10.4 B	7.56	4.81	2.25	0.596	0.490	6.44	6.91	5.25	17.2	4
5	2.20B	2.52B	9.40B	6.75	4.16	2.23	0.563	0.418	23.9	4.90	4.76	11.3	5
6	2.18B	2.54B	7.80B	5.94	3.79	1.91	0.664E	0.376	15.3	5.61	4.87	8.83	6
7	2.17B	2.56B	6.60B	5.11	3.32	1.73	0.732	0.330	7.95	21.3	5.31	7.78	7
8	2.15B	2.58B	7.41	4.59	2.82	1.50	0.635	0.376	5.53	22.3	4.87	7.35	8
9	2.13B	2.56B	7.99	4.49	2.59	1.10	0.561	0.387	3.97	13.1	4.32	6.53	9
10	2.12B	2.53B	8.79	4.05	3.26	1.24	0.493	0.383	2.80	8.45	3.81	4.62B	10
11	2.11B	3.21B	9.04	3.49	17.4	1.19	0.439	0.353	2.02	6.61	3.49	4.06B	11
12	2.10B	4.27B	8.65	3.29	32.2	1.09	0.411	0.324	1.59	5.41	3.30	3.52B	12
13	2.09B	5.25B	9.98	3.07	21.2	1.08	0.384	0.312	1.32	4.53	2.99	3.29B	13
14	2.07B	6.05B	8.67	5.90	12.2	1.10	0.357	0.306	1.14	3.84	2.80	3.09B	14
15	2.04B	6.58B	6.98B	12.9	9.88	1.08	0.337	0.533	1.00	3.82	2.71	2.99B	15
16	2.03B	6.95B	5.94B	8.78	9.71	1.02	0.317	0.527	0.870	5.54	2.69	2.91B	16
17	2.01B	10.8 B	5.12B	7.52	9.25	0.987	0.296	0.432	0.864	5.67	2.78	2.83B	17
18	2.00B	16.4 B	4.72B	7.55	7.44	0.898	0.279	0.495	0.891	8.32	2.91	2.74B	18
19	1.99B	31.6 B	4.44B	7.14	6.10	0.834	0.311	0.431	0.874	22.7	2.91	2.68B	19
20	1.98B	64.8 B	4.29B	6.07	5.19	0.749	0.346	0.362	0.867	25.6	4.14	2.62B	20
21	1.97B	68.6 B	4.18B	5.17	4.36	0.783	0.340	0.309	0.908	17.9	12.9	2.59B	21
22	1.96B	116 B	4.68	4.40	3.73	1.05	0.339	0.287	1.09	17.8	13.9	2.53B	22
23	1.95B	200	5.70	4.41	3.28	2.35	0.305	0.266	1.10	27.7	9.20	2.64B	23
24	1.94B	193	6.77	4.90	3.03	3.96	0.278	0.233	1.15	28.5	7.42	2.53B	24
25	1.96B	133	7.44	4.82	3.00	2.72	0.255	0.214	1.14	23.5	6.35	2.46B	25
26	2.24B	72.6	7.72	4.23	2.99	1.91	0.258	0.206	1.15	18.3	5.72	2.39B	26
27	2.56B	37.0	10.8	3.64	2.89	1.49	0.244	0.203	1.34	14.7	13.5	2.36B	27
28	2.82B	33.5	15.2	6.19	2.91	1.21	0.511	0.422	1.90	19.8	25.7	2.31B	28
29	2.71B		12.5	19.1	2.91	1.03	0.877	0.649	2.22	19.6	16.3	2.28B	29
30	2.53B		14.0	14.2	3.07	0.885	1.20	0.895	1.88	12.2	10.7	2.25B	30
31	2.38B		20.1		2.90		1.02	1.78		8.94		2.22B	31
TOTAL	67.42	1 034.46	312.71	211.81	212.38	46.616	15.483	14.232	101.594	404.47	205.82	169.31	TOTAL
MEAN	2.17	36.9	10.1	7.06	6.85	1.55	0.499	0.459	3.39	13.0	6.86	5.46	MEAN
MAX	2.82	200	36.0	19.1	32.2	3.96	1.20	1.78	23.9	28.5	25.7	23.1	MAX
MIN	1.94	2.29	4.18	3.07	2.59	0.749	0.244	0.203	0.864	2.02	2.69	2.22	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUPIC METRES PER SECOND

MEAN, 7.66
MAXIMUM DAILY, 200 ON FEB 23
MINIMUM DAILY, 0.203 ON AUG 27
MAXIMUM INSTANTANEOUS,
220 AT 16:41 EST ON FEB 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 48 46 N
LONG 81 18 25 W
DRAINAGE AREA, 648 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 830	JUL	1 340
FEB	89 400	AUG	1 230
MAR	27 000	SEP	8 780
APR	18 300	OCT	34 900
MAY	18 300	NOV	17 800
JUN	4 030	DEC	14 600

TOTAL DISCHARGE, 242 000 dam³

MIDDLE MAITLAND RIVER NEAR LISTOWEL - STATION NO. 02FE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.222E	0.166	2.83	1.51	0.519	0.092	0.034	0.019	0.327	0.455	0.793	1.17	1
2	0.218E	0.182	1.85	1.10	0.385	0.078	0.031	0.019	0.319	0.675	0.707	3.04	2
3	0.214E	0.197	1.28	0.864	0.304	0.104	0.025	0.028	0.232	0.508	0.602	2.54	3
4	0.209B	0.179B	1.14	0.757	0.260	0.103	0.044	0.021	1.70	0.386	0.524	1.57	4
5	0.203B	0.163	0.993	0.673	0.248	0.086	0.047	0.021	1.64	0.308	0.477	1.12	5
6	0.197B	0.148B	0.838B	0.558	0.247	0.067	0.035	0.019	1.06 E	1.68	0.501	0.896	6
7	0.191B	0.136	0.688B	0.464	0.207	0.058	0.031	0.020	0.551E	3.90	0.449	0.810	7
8	0.180B	0.132	0.696	0.416	0.173	0.054	0.029	0.019	0.330E	2.30	0.385	0.763	8
9	0.172B	0.130B	0.765	0.400	0.143	0.051	0.030	0.020	0.245	1.23	0.341	0.567	9
10	0.159	0.128	0.823	0.324	0.290	0.076	0.025	0.036	0.187	0.835	0.304	0.485B	10
11	0.157B	0.295	0.814	0.294	1.44	0.046	0.021	0.103	0.160	0.615	0.296	0.392B	11
12	0.153B	0.262B	0.790	0.258	1.75	0.036	0.022	0.019	0.128	0.457	0.261	0.346	12
13	0.146B	0.372B	0.922	0.237	1.12	0.041	0.026	0.020	0.107	0.358	0.243	0.297	13
14	0.140B	0.419	0.754	1.01	0.828	0.065	0.026	0.020	0.099	0.307	0.225	0.264B	14
15	0.136B	0.511	0.635B	0.979	0.867	0.061	0.029	0.145	0.089	0.526	0.217	0.245B	15
16	0.132B	0.682	0.564B	0.727	0.851	0.050	0.026	0.022	0.075	0.627	0.228	0.236B	16
17	0.129	1.34	0.498	0.675	0.650	0.044	0.025	0.023	0.073	0.542	0.234	0.224B	17
18	0.128	5.36	0.381B	0.618	0.502	0.035	0.019	0.020	0.067	1.96	0.212	0.212B	18
19	0.127B	13.1	0.362B	0.509	0.481	0.031	0.049	0.022	0.054	3.92	0.218	0.202B	19
20	0.122B	14.0	0.359B	0.463	0.326	0.026	0.019	0.023	0.051	2.64	0.768	0.190	20
21	0.119B	12.9	0.352B	0.381	0.264	0.067	0.020	0.024	0.105	1.60	1.43	0.175	21
22	0.118B	11.8	0.386	0.342	0.225	0.299	0.019	0.018	0.102	2.48	1.09	0.188	22
23	0.118B	24.1	0.520	0.375	0.171	0.284	0.016	0.016	0.087	4.14	0.818	0.181	23
24	0.117	10.2	0.447	0.427	0.146	0.197	0.018	0.025	0.076	3.86	0.691	0.169	24
25	0.116	5.46	0.686	0.396	0.155	0.140	0.018	0.020	0.081	2.52	0.578	0.156	25
26	0.157	3.52	0.778	0.328	0.143	0.095	0.018	0.020	0.091	1.63	0.624	0.148B	26
27	0.178	2.67	1.06	0.285	0.133	0.073	0.019	0.019	0.513	1.47	5.59	0.142B	27
28	0.186	3.12	1.09	0.583	0.133	0.054	0.248	0.151	0.385	2.01	3.86	0.138B	28
29	0.194		1.07	0.802	0.114	0.051	0.029	0.103	0.235	1.50	1.89	0.136B	29
30	0.170		1.64	0.675	0.138	0.042	0.023	0.824	0.188	1.12	1.27	0.134B	30
31	0.169		2.19		0.105		0.021	0.375		0.935		0.132B	31
TOTAL	4.977	111.672	28.201	17.422	13.238	2.506	1.042	2.234	9.357	47.494	25.826	17.268	TOTAL
MEAN	0.161	3.99	0.910	0.581	0.427	0.084	0.034	0.072	0.312	1.53	0.861	0.557	MEAN
MAX	0.222	24.1	2.83	1.51	1.75	0.299	0.248	0.824	1.70	4.14	5.59	3.04	MAX
MIN	0.116	0.128	0.352	0.237	0.105	0.026	0.016	0.016	0.051	0.307	0.212	0.132	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.771
MAXIMUM DAILY, 24.1 ON FEB 23
MINIMUM DAILY, 0.016 ON JUL 23
MAXIMUM INSTANTANEOUS,
34.5 AT 15:05 EST ON FEB 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 43 38 N
LONG 80 58 20 W
DRAINAGE AREA, 77.7 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	430	JUL	98.0
FEB	9 650	AUG	193
MAR	2 440	SEP	808
APR	1 510	OCT	4 100
MAY	1 140	NOV	2 230
JUN	217	DEC	1 490

TOTAL DISCHARGE, 24 300 dam³

MIDDLE SEVERN RIVER AT WASHAGO - STATION NO. 02EC013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.7E	16.0 E	11.6	6.06	5.91	6.28	5.80	4.52E	4.50	2.88	2.75E	3.07	1
2	13.5	16.0	20.0	5.96	5.99E	6.36	5.70	4.54E	4.21	2.69	2.78	3.26	2
3	13.5E	18.9	27.2	6.15	6.07E	6.35	5.88	4.56E	4.12	2.69E	2.59	3.16	3
4	13.5E	20.7	20.9	5.96E	6.16	6.53	5.80E	4.59	4.21	2.69E	2.69	3.07	4
5	13.5	20.2	17.0	5.77E	6.15	6.33	5.73E	4.21	4.35E	2.69	2.69	3.00E	5
6	15.0	20.2	16.7	5.58	5.10	6.29E	5.66	4.40	4.49E	2.88	2.69	2.94E	6
7	16.1	20.3 E	16.6 E	6.25	5.85	6.25E	5.74	4.50	4.63E	2.59	2.50E	2.88	7
8	16.1	20.5 E	16.5 E	6.44	5.94	6.21	5.54	4.53E	4.78	2.50	2.31E	2.88	8
9	15.8	20.7	16.4	6.44	5.99E	6.20	5.63	4.56E	4.50	2.59	2.12	2.50	9
10	15.8E	20.2	17.3	6.15	6.04E	6.10	5.43	4.59	4.50	2.64E	2.50	2.40	10
11	15.8E	20.2	17.6	6.15E	6.10	6.09	5.39E	4.88	4.31	2.69E	2.40E	2.59	11
12	15.8	20.2	14.2	6.15E	6.56	6.08	5.35E	4.50	4.24E	2.74E	2.31	2.69E	12
13	15.6	20.2	11.4	6.15	6.65	6.10E	5.31	4.59	4.18E	2.78	2.50	2.79E	13
14	19.1	20.1 E	11.3 E	6.91	6.64	6.12E	4.82	4.50	4.12	2.88	2.44E	2.88	14
15	18.0	20.0 E	11.2 E	5.82	6.63	6.14	4.72	4.47E	4.02	2.88	2.38E	2.78	15
16	16.6	19.9	11.1	6.52	6.59E	6.23	4.90	4.44E	3.93	2.69	2.31	2.69	16
17	16.6E	19.9	11.1	6.33E	6.56E	6.03	4.98	4.40	3.93	2.56E	2.40	2.69	17
18	16.6E	19.9	11.1	6.13	6.53E	6.12	5.04E	4.21	3.74	2.43E	2.50	2.69	18
19	16.6	20.2	11.2	6.09E	6.50	6.11	5.10E	4.40	3.69E	2.31	2.40	2.72E	19
20	16.6	20.9	11.2	6.04E	6.49	6.06E	5.15	4.40	3.65E	2.83	2.02	2.75E	20
21	16.6	21.9	11.2 E	6.00	6.57	6.02E	4.85	4.50	3.59	2.31	2.24E	2.78	21
22	16.6	23.5	11.2 E	6.37	6.47	5.98	4.65	4.37E	3.36	2.40	2.46E	2.69	22
23	16.3	13.6	11.2	6.17	6.52E	5.97	4.64	4.24E	4.86	2.50	2.69	2.59	23
24	16.2E	5.39	11.1	6.35	6.57E	5.96	4.73	4.12	3.07	2.57E	2.69	2.69	24
25	16.1E	9.04	11.1	6.28E	6.63	6.05	4.62E	4.12	3.07	2.63E	2.69	2.60E	25
26	16.1	11.5	11.2	6.21E	6.62	5.47	4.51E	4.22	3.07E	2.69	2.78	2.50	26
27	16.1	11.6	11.2	6.14	6.32	5.75E	4.41	4.12	3.07E	2.69	3.16	2.53E	27
28	16.1	11.7	11.2 E	6.13	6.41	6.03E	4.26	4.02	3.07	2.59	2.92E	2.56E	28
29	16.1		11.2 E	6.02	6.50	6.30	4.31	4.12E	2.97	2.69	2.69	2.59	29
30	16.0		11.2	6.01	6.42E	5.81	4.21	4.22E	2.88	2.69	2.97	2.50	30
31	16.0E		8.06		6.35E		4.50	4.31		2.72E		2.50	31
TOTAL	492.0	503.43	421.46	184.73	195.83	183.32	157.36	136.15	117.11	82.11	76.57	84.96	TOTAL
MEAN	15.9	18.0	13.6	6.16	6.32	6.11	5.08	4.39	3.90	2.65	2.55	2.74	MEAN
MAX	19.1	23.5	27.2	6.91	6.65	6.53	5.88	4.88	4.86	2.88	3.16	3.26	MAX
MIN	13.5	5.39	8.06	5.58	5.10	5.47	4.21	4.02	2.88	2.31	2.02	2.40	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.22
MAXIMUM DAILY, 27.2 ON MAR 3
MINIMUM DAILY, 2.02 ON NOV 20

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 44 56 N
LONG 79 19 57 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	42 500	JUL	13 600
FEB	43 500	AUG	11 800
MAR	36 400	SEP	10 100
APR	16 000	OCT	7 090
MAY	16 900	NOV	6 620
JUN	15 800	DEC	7 340

TOTAL DISCHARGE, 228 000 dam³

MIDDLE THAMES RIVER AT THAMESFORD - STATION NO. 02GD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.920B	0.800B	11.6	6.78	5.84	1.18	0.854	0.630	1.46	3.01	3.75	3.33	1
2	0.900B	0.840B	8.43	4.85	4.11	1.16	0.795	0.576	2.48	5.73	3.33	6.80	2
3	0.890B	0.920B	6.08	3.71	3.32	1.18	0.774	0.671	3.08	3.88	2.93	6.43	3
4	0.870B	0.960B	4.73	3.19	2.81	1.30	0.736	0.759	15.7	2.87	2.63	4.66	4
5	0.850B	0.920B	4.21	2.83	2.48	1.19	2.23	0.925	12.2	2.40	2.50	3.72	5
6	0.830B	0.860B	3.73	2.39	2.22	1.09	1.74	0.819	6.51	4.61	2.85	3.21	6
7	0.810B	0.820B	3.30	2.02	1.95	0.972	1.04	0.669	3.90	7.74	2.99	3.04	7
8	0.800B	0.800B	3.10	1.93	1.77	0.958	0.767	0.671	2.95	5.69	2.67	2.97	8
9	0.790B	0.780B	3.12	1.85	1.71	1.00	0.689	0.630	2.29	3.85	2.38	2.41	9
10	0.770B	0.800B	3.38	1.64	1.83	0.912	0.626	0.752	1.75	2.98	2.16	1.95B	10
11	0.760B	1.23 B	3.58	1.83	2.91	0.835	0.557	1.22	1.51	2.49	2.08	1.73B	11
12	0.750B	3.00 B	3.40	1.88	3.25	0.778	0.547	0.815	1.29	2.11	1.93	1.60B	12
13	0.740B	3.90 B	3.97	1.77	2.69	0.840	0.552	0.674	1.15	1.82	1.80	1.58	13
14	0.730B	4.00 B	3.00B	7.32	2.35	1.04	0.495	0.632	2.38	1.67	1.76	1.56	14
15	0.720B	3.75 B	2.70B	8.94	2.46	0.991	0.456	0.760	3.15	1.61	1.71	1.54	15
16	0.712B	3.70 B	2.35B	5.19	3.43	0.906	0.460	0.831	1.91	1.53	1.75	1.50	16
17	0.705B	9.00 B	2.10B	5.68	3.20	0.901	0.447	0.663	1.61	1.44	1.98	1.36	17
18	0.700B	25.0 B	1.95B	7.64	2.54	0.783	0.492	0.569	1.59	2.75	1.90	1.10B	18
19	0.700B	50.0 B	1.80B	5.82	2.14	0.743	0.750	0.565	1.50	5.01	1.85	1.08B	19
20	0.700B	53.9	1.70B	4.30	1.83	0.747	0.775	0.498	1.41	4.71	4.58	1.08B	20
21	0.700B	49.3	1.65B	3.29	1.63	4.62	0.700	0.467	1.48	3.93	9.39	1.09B	21
22	0.700B	36.3	1.85	2.88	1.54	6.83	0.573	0.447	4.86	8.25	6.76	1.20B	22
23	0.700B	50.4	1.99	5.54	1.44	4.87	0.510	0.451	4.76	17.1	4.66	1.52	23
24	0.700B	43.3	1.98	9.72	1.39	2.70	0.476	0.443	3.00	12.7	3.60	1.53	24
25	0.700B	21.4	2.04	8.47	1.40	1.90	0.465	0.430	2.26	9.56	2.90	1.32	25
26	0.800B	13.5	2.13	5.65	1.45	1.43	0.467	0.434	2.01	8.41	2.66	1.22B	26
27	0.850B	10.3	3.10	4.28	1.99	1.19	0.481	0.439	1.86	8.28	4.82	1.17B	27
28	0.870B	11.6	3.98	6.65	1.83	1.04	1.21	0.529	1.62	9.20	4.82	1.12B	28
29	0.850B		3.68	12.9	1.63	0.937	2.07	0.576	1.45	7.09	3.81	1.09B	29
30	0.820B		5.17	8.77	1.52	0.847	1.06	2.55	1.37	5.34	3.33	1.07B	30
31	0.800B		9.38		1.36		0.756	2.85		4.28		1.06B	31
TOTAL	24.137	402.080	115.18	149.71	72.02	45.870	24.550	23.945	94.49	162.04	96.28	66.04	TOTAL
MEAN	0.779	14.4	3.72	4.99	2.32	1.53	0.792	0.772	3.15	5.23	3.21	2.13	MEAN
MAX	0.920	53.9	11.6	12.9	5.84	6.83	2.23	2.85	15.7	17.1	9.39	6.80	MAX
MIN	0.700	0.780	1.65	1.64	1.36	0.743	0.447	0.430	1.15	1.44	1.71	1.06	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.50
MAXIMUM DAILY, 53.9 ON FEB 20
MINIMUM DAILY, 0.430 ON AUG 25
MAXIMUM INSTANTANEOUS,
65.8 AT 21:00 EST ON FEB 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 03 32 N
LONG 80 59 18 W
DRAINAGE AREA, 306 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 090	JUL	2 120
FEB	34 700	AUG	2 070
MAR	9 950	SEP	8 160
APR	12 900	OCT	14 000
MAY	6 220	NOV	8 320
JUN	3 960	DEC	5 710

TOTAL DISCHARGE, 110 000 dam³

MILLHAVEN CREEK NEAR MILLHAVEN - STATION NO. 02HM006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.28 B	0.753B	9.95 A	0.886A	0.943A	0.593A	0.724A	0.611	0.780	3.79	3.55	2.08 B	1
2	1.16 B	0.744B	9.13 A	0.773A	0.886A	0.593A	0.636A	0.533	1.06	3.60	3.42	2.02	2
3	1.06 B	0.738B	8.32 A	0.829A	0.680A	0.773A	0.399A	0.507	3.51	3.36	3.14	1.98	3
4	0.965B	0.732B	7.99 A	0.943A	0.680A	0.593A	0.298A	0.512	4.13	3.07	2.87	1.92	4
5	0.880B	0.728B	7.83 A	0.829A	0.680A	0.593A	0.298A	0.598	8.53	2.87	2.72	1.90	5
6	0.810B	0.721B	7.35 A	0.773A	0.999A	0.593A	0.298A	0.603	4.42	2.71	3.23	1.78 B	6
7	0.775B	0.718B	6.88 A	0.773A	0.724A	0.593A	0.332A	0.494	3.16	2.50	4.65	1.71 B	7
8	0.738B	0.715B	6.17 A	0.773A	0.505A	0.593A	0.332A	0.536	6.76	2.65	4.34	1.59 B	8
9	0.715B	0.710B	3.56 A	0.773A	0.505A	0.505A	0.266A	0.515	8.55	2.52	3.88	1.43 B	9
10	0.700B	0.706B	3.14 A	0.773A	0.505A	0.505A	0.298A	0.349	8.40	2.50	3.55	1.33 B	10
11	0.685B	1.95 B	2.76 A	1.12 A	2.21 A	0.505A	0.298A	0.554	11.0	2.22	3.39	1.24 B	11
12	0.670B	5.80 B	2.47 A	1.06 A	2.12 A	0.505A	0.298A	0.530	8.79	2.10	3.23	1.14 B	12
13	0.660B	6.60 B	1.95 A	0.999A	1.55 A	0.505A	0.234A	0.456	7.53	1.97	3.01	1.06 B	13
14	0.645B	7.20 B	1.81 B	1.12 A	1.71 A	0.505A	0.399A	0.472	6.97	1.83	2.88	0.985	14
15	0.635B	7.85 B	1.63 A	0.943A	1.63 A	0.505A	0.298A	0.929	6.52	1.72	2.83	1.00	15
16	0.625B	9.30 B	1.55 A	0.999A	1.55 A	0.505A	0.266A	1.42	5.96	1.68	2.79	0.970B	16
17	0.615B	13.0 B	0.670B	1.12 A	1.47 A	0.549A	0.234A	1.10	6.36	1.60	2.67	0.925B	17
18	0.608B	19.0 B	0.660B	0.999A	1.26 A	0.203A	0.234A	0.930	6.81	1.55	2.55	0.900B	18
19	0.600B	23.2 B	0.640B	0.999A	0.943A	0.505A	0.234A	0.822	6.50	1.46	2.45	0.885B	19
20	0.595B	26.4 B	0.618B	1.06 A	0.886A	0.505A	0.505A	0.774	6.01	1.47	2.60	0.880B	20
21	0.590B	19.1 B	0.575B	1.26 A	0.829A	0.680A	0.432A	0.714	6.38	1.50	2.75	0.878B	21
22	0.585B	16.3 B	0.549A	1.26 A	0.773A	1.33 A	0.452A	0.642	7.03	1.72	2.69	0.877B	22
23	0.575B	15.8 A	0.505A	1.29 A	0.636A	1.26 A	0.472A	0.613	6.45	2.12	2.49	0.935B	23
24	0.572B	18.2 A	0.593A	1.12 A	0.593A	1.06 A	0.502	0.592	5.83	2.20	2.38B	0.975B	24
25	0.568B	16.2 A	0.432A	1.12 A	0.593A	0.886A	0.479	0.626	5.11	1.91	2.26B	0.971B	25
26	0.565B	15.0 A	0.728A	1.12 A	0.593A	0.773A	0.424	0.555	4.69	2.05	2.10B	0.966B	26
27	0.840B	12.7 A	0.773A	1.19 A	0.593A	0.724A	0.523	0.514	4.51	3.61	2.33	0.960B	27
28	0.860B	11.8 E	0.773A	1.26 A	1.07 A	0.680A	0.697	0.517	4.39	5.62	2.29	0.955B	28
29	0.820B		0.773A	1.12 A	0.829A	0.466A	0.981	0.468	4.27	4.72	2.33	0.950B	29
30	0.785B		0.886A	1.12 A	0.636A	0.432A	0.719	0.388	4.04	4.33	2.19B	0.945B	30
31	0.765B		0.999A		0.593A		0.633	1.28		3.96		0.940B	31
TOTAL	22.946	252.665	92.660	30.404	30.174	19.017	13.195	20.154	174.450	80.91	87.56	38.077	TOTAL
MEAN	0.740	9.02	2.99	1.01	0.973	0.634	0.426	0.650	5.82	2.61	2.92	1.23	MEAN
MAX	1.28	26.4	9.95	1.29	2.21	1.33	0.981	1.42	11.0	5.62	4.65	2.08	MAX
MIN	0.565	0.706	0.432	0.773	0.505	0.203	0.234	0.349	0.780	1.46	2.10	0.877	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.36
MAXIMUM DAILY, 26.4B ON FEB 20
MINIMUM DAILY, 0.203A ON JUN 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 13 34 N
LONG 76 45 30 W
DRAINAGE AREA, 150 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 980	JUL	1 140
FEB	21 800	AUG	1 740
MAR	8 010	SEP	15 100
APR	2 630	OCT	6 990
MAY	2 610	NOV	7 570
JUN	1 640	DEC	3 290

TOTAL DISCHARGE, 74 500 dam³

MIMICO CREEK AT ISLINGTON - STATION NO. 02HC033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.551	0.707	0.415	---	---	1.05	---	0.355	2.93	---	0.503	1
2	---	1.13	0.487	0.314	---	---	0.325	---	1.94	0.853	---	0.762	2
3	---	0.366	0.323	---	---	1.67	---	---	2.03	---	---	0.466	3
4	---	0.265	0.314	---	---	0.483	---	3.90	12.7	---	---	0.319	4
5	---	0.260B	0.291	---	0.284	0.300	2.72	2.24	6.24	---	---	0.256	5
6	---	0.258B	0.264	---	0.350	---	0.791	0.321	1.14	4.44	---	---	6
7	---	0.256B	---	---	---	---	0.257A	---	0.662	1.03	---	---	7
8	---	---	---	---	---	0.297	---	---	0.512	0.458	---	0.463	8
9	---	---	---	---	---	0.247	---	---	0.413	---	---	0.265	9
10	---	---	---	---	0.439	2.16	---	---	0.323	---	---	---	10
11	---	12.1	---	---	4.70	0.689	---	2.68	0.285	---	---	---	11
12	---	0.738	---	---	0.874	0.271	---	0.908	---	---	---	0.264	12
13	---	0.716	0.225A	---	0.371A	---	---	0.281	---	---	---	---	13
14	---	0.664	---	3.92	0.388	0.270	---	---	---	---	---	---	14
15	---	0.604	---	0.477	0.537	0.135A	---	4.81	---	0.647	---	---	15
16	---	2.38	---	0.271	0.307	---	---	0.763	---	---	5.12	---	16
17	---	8.51	---	0.493	---	1.02	---	0.288	0.387	---	1.45 A	---	17
18	---	7.47	---	0.368	---	---	0.374	---	---	4.55	0.887	---	18
19	---	3.66	---	---	---	---	0.315	---	---	0.811	0.697	---	19
20	---	6.18	0.258	---	---	---	0.403	---	---	---	5.03	---	20
21	---	2.55	---	---	---	0.928	---	---	1.23	1.16	2.54	---	21
22	---	1.07	---	---	---	3.30	---	---	1.80	4.46	0.806	0.245	22
23	---	3.23	---	0.817	---	0.692	---	---	0.412	3.33	---	1.31	23
24	---	1.84	---	0.645	---	---	---	---	0.263	1.12	---	0.497	24
25	---	0.991	---	0.265	---	---	---	---	---	0.553	---	---	25
26	---	0.603	---	---	0.409	---	---	---	0.830	1.08	0.487	---	26
27	0.417A	0.458	---	---	0.881	---	---	---	0.443	7.18	1.52	---	27
28	---	1.22	---	---	1.89	---	4.58	3.22	0.273	5.15	0.553	---	28
29	0.311		---	0.384	0.557	---	1.61	0.981	0.181A	0.926	---	---	29
30	---		1.59	---	0.576	---	0.398	2.40	---	0.567	---	---	30
31	---		0.634		0.316		---	0.872		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 12.7 ON SEP 4

MAXIMUM INSTANTANEOUS,
30.5 AT 07:09 EST ON FEB 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 38 50 N
LONG 79 31 10 W
DRAINAGE AREA, 63.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

REMARKS - FLOWS BELOW 0.250 m³/s UNAVAILABLE DUE TO CONTROL WASHOUT

MISSINAIBI RIVER AT MATTICE - STATION NO. 04LJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.8B	12.1B	34.0B	62.0B	451	197	91.2	18.9	6.00E	5.11	24.8	20.2B	1
2	19.6B	12.0B	33.5B	105 B	448	184	87.8	17.8	5.70E	4.90	25.3	20.0B	2
3	19.3B	12.0B	32.5B	135 B	440	180	80.7	17.3	5.40E	4.81	26.7	19.7B	3
4	19.0B	11.9B	31.5B	150 B	466	179	74.0	16.5	5.20E	4.73	28.0	19.3B	4
5	18.6B	11.8B	30.5B	165 B	698	173	73.1	15.8	5.00E	4.65	29.8	18.5B	5
6	18.3B	11.7B	30.0B	180 B	939	163	74.7	15.1	4.90E	4.78	32.4	18.3B	6
7	18.0B	11.6B	29.0B	195 B	950	153	70.8	14.2	5.00E	5.03	36.2	17.8B	7
8	17.5B	11.5B	28.5B	205 B	892	149	65.5	13.6	5.30E	5.47	39.2	17.3B	8
9	17.3B	11.3B	28.0B	225 B	803	152	59.8	13.1	5.50E	6.02	41.7	17.0B	9
10	17.0B	11.1B	27.5B	235 B	684	153	54.7	12.6	5.60E	6.61	42.0	16.5B	10
11	16.5B	11.0B	27.0B	255 B	574	156	50.3	12.3	5.80E	8.90	40.2	16.0B	11
12	16.3B	10.9B	26.5B	270 B	489	157	46.8	11.9	6.20E	14.9	38.2B	15.7B	12
13	16.0B	10.8B	26.0B	285 B	428	155	44.8	11.4	6.60E	18.1	37.0	15.5B	13
14	15.8B	10.8B	25.5B	300 B	398	149	46.5	11.8	7.00E	18.0	34.3	15.3B	14
15	15.5B	10.8B	25.0B	315 B	387	145	47.7	11.6	7.40E	17.3	31.9	15.0B	15
16	15.0B	10.7B	24.7B	330 B	373	160	46.0	11.3	8.00E	16.8	30.8	14.7B	16
17	14.7B	10.7B	24.3B	345 B	348	178	42.7	10.6	8.60E	16.0	29.9	14.3B	17
18	14.4B	10.9B	24.0B	355 B	318	169	39.0	10.1	8.55A	16.6	28.9	14.0B	18
19	14.3B	11.5B	23.7B	360 B	291	152	35.6	9.91	8.75A	19.5	28.2	13.9B	19
20	14.2B	13.0B	23.3B	355 B	267	140	33.4	9.35	8.75A	23.0	26.5B	13.7B	20
21	14.0B	18.0B	23.0B	350 B	250	128	31.2	9.11	8.62A	26.0	25.7B	13.6B	21
22	13.8B	21.5B	22.9B	340 B	237	115	29.5	9.11	8.36A	29.4	24.8B	13.5B	22
23	13.7B	23.3B	22.8B	330 B	225	103	27.9	9.06	8.10E	31.0	24.0B	13.4B	23
24	13.4B	26.0B	22.9B	325 B	213	93.4	25.9	8.97	7.70E	31.0	23.3B	13.3B	24
25	13.2B	29.0B	23.0B	323 B	203	85.9	24.9	8.94A	7.40E	30.0	22.7B	13.1B	25
26	12.9B	31.5B	23.7B	319	205	82.3	24.0	8.40E	6.70E	28.6	22.3B	13.0B	26
27	12.7B	33.0B	24.5B	336	218	82.6	23.0	8.10E	6.20E	26.8	21.8B	12.8B	27
28	12.5B	34.0B	26.0B	369	237	83.5	22.3	7.50E	6.00E	25.9	21.4B	12.7B	28
29	12.4B		29.0B	401	238	84.6	21.6	7.30E	5.49A	25.5	21.0B	12.6B	29
30	12.3B		32.8B	433	224	88.6	20.9	6.80E	5.41	24.9	20.6B	12.5B	30
31	12.2B		40.0B		210		19.9	6.40E		24.7		12.3B	31
TOTAL	480.2	444.4	845.6	8 353.0	13 104	4 190.9	1 436.2	354.85	199.23	525.01	879.6	475.5	TOTAL
MEAN	15.5	15.9	27.3	278	423	140	46.3	11.4	6.64	16.9	29.3	15.3	MEAN
MAX	19.8	34.0	40.0	433	950	197	91.2	18.9	8.75	31.0	42.0	20.2	MAX
MIN	12.2	10.7	22.8	62.0	203	82.3	19.9	6.40	4.90	4.65	20.6	12.3	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 85.7
MAXIMUM DAILY, 950 ON MAY 7
MINIMUM DAILY, 4.65 ON OCT 5
MAXIMUM INSTANTANEOUS,
966 AT 00:08 EST ON MAY 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 37 00 N
LONG 83 15 48 W
DRAINAGE AREA, 8 940 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	41 500	JUL	124 000
FEB	38 400	AUG	30 700
MAR	73 100	SEP	17 200
APR	722 000	OCT	45 400
MAY	1 130 000	NOV	76 000
JUN	362 000	DEC	41 100

TOTAL DISCHARGE, 2 700 000 dam³

MISSINAIBI RIVER BELOW WABOOSE RIVER - STATION NO. 04LM001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	26.3B	15.3B	56.0B	130B	875	473	196	45.0E	27.3	27.7	74.1	43.0B	1
2	25.7B	15.2B	55.0B	180B	896	450	199	44.0E	26.7	27.0	75.7	42.0B	2
3	25.2B	15.1B	54.0B	225B	910	420	189	43.0E	26.4	27.7	82.5	41.0B	3
4	24.8B	15.0B	52.5B	285B	978	395	184	42.0E	25.8	27.2	84.7	40.5B	4
5	24.2B	14.9B	50.5B	330B	1 190	379	177	41.5E	26.4	26.1	86.9	39.5B	5
6	23.8B	14.8B	49.5B	360B	1 530	378	160	41.0E	26.2	26.7	87.8	39.0B	6
7	23.0B	14.7B	48.0B	395B	1 790	379	149	40.0E	26.2	28.7	87.0B	38.5B	7
8	23.0B	14.6B	46.5B	430B	1 800	374	140	39.5E	26.4	29.4	86.0B	37.5B	8
9	22.7B	14.5B	45.5B	465B	1 700	416	125	39.0E	26.0	30.8	83.0B	37.0B	9
10	22.3B	14.3B	44.5B	500B	1 550	455	112	38.0E	26.1	32.2	80.5B	36.5B	10
11	21.9B	14.2B	44.0B	540B	1 390	460	99.0	37.5E	26.6	32.8	77.0B	36.0B	11
12	21.4B	14.2B	43.5B	570B	1 230	437	92.0	36.5E	26.6	32.6	74.0B	35.5B	12
13	21.2B	14.1B	43.0B	600B	1 090	413	86.8	36.0E	27.0	32.3	70.5B	35.0B	13
14	20.7B	14.1B	42.5B	640B	988	396	82.7	35.5E	26.8	33.4	68.0B	34.5B	14
15	20.3B	14.0B	41.5B	670B	911	380	75.1	35.0E	26.5	35.4	65.0B	34.0B	15
16	19.9B	14.0B	41.0B	700B	856	376	69.5	35.0E	26.9	40.8	63.0B	33.5B	16
17	19.6B	14.0B	40.5B	725B	798	385	68.7	35.0E	27.5	46.9	60.5B	33.0B	17
18	19.2B	14.7B	40.0B	745B	742	405	68.5A	35.0E	28.3	51.8	59.0B	32.5B	18
19	18.9B	15.3B	40.0B	755B	684	402	65.5E	34.5E	28.1	65.0	57.0B	32.0B	19
20	18.5B	16.5B	39.5B	770B	631	378	63.5E	34.0E	28.1	79.3	55.0B	31.5B	20
21	18.1B	18.2B	39.0B	750B	593	343	61.0E	33.5E	28.2	84.8	53.5B	31.0B	21
22	17.9B	20.0B	39.0B	740B	560	309	60.0E	33.0E	28.5	86.5	52.5B	30.5B	22
23	17.7B	24.0B	39.0B	735	530	273	58.0E	32.0E	29.0	87.7	51.0B	30.0B	23
24	17.3B	30.0B	39.0B	714	501	253	56.0E	31.0E	29.3	86.2	49.5B	30.0B	24
25	17.0B	38.0B	39.0B	706	476	222	54.0E	30.5E	29.5	84.0B	48.5B	29.5B	25
26	16.7B	48.0B	40.0B	700	458	200	53.0E	29.6A	29.3	81.0B	47.5B	29.0B	26
27	16.5B	52.0B	42.0B	707	462	181	51.5E	29.3	29.3	79.5B	46.5B	29.0B	27
28	16.2B	54.5B	45.0B	746	472	166	50.0E	28.7	28.0	77.0B	45.5B	28.5B	28
29	16.1B		50.0B	815	483	161	48.5E	28.5	28.1	75.0	44.5B	28.0B	29
30	15.9B		60.0B	859	491	181	47.5E	27.6	28.2	73.3	43.5B	28.0B	30
31	15.6B		85.0B		487		46.0E	27.6		74.0B		27.5B	31
TOTAL	627.6	578.2	1 434.5	17 487	28 052	10 440	2 987.8	1 098.3	823.3	1 622.8	1 959.7	1 053.0	TOTAL
MEAN	20.2	20.7	46.3	583	905	348	96.4	35.4	27.4	52.3	65.3	34.0	MEAN
MAX	26.3	54.5	85.0	859	1 800	473	199	45.0	29.5	87.7	87.8	43.0	MAX
MIN	15.6	14.0	39.0	130	458	161	46.0	27.6	25.8	26.1	43.5	27.5	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 187
MAXIMUM DAILY, 1 800 ON MAY 8
MINIMUM DAILY, 14.0B ON FEB 15
MAXIMUM INSTANTANEOUS,
1 820 AT 17:37 EST ON MAY 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 00 N
LONG 82 07 00 W
DRAINAGE AREA, 22 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	54 200	JUL	258 000
FEB	50 000	AUG	94 900
MAR	124 000	SEP	71 100
APR	1 510 000	OCT	140 000
MAY	2 420 000	NOV	169 000
JUN	982 000	DEC	91 000

TOTAL DISCHARGE, 5 880 000 dam³

MISSISSAGI RIVER AT MISSISSAGI CHUTE - STATION NO. 02CC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	35.8	24.4	118	218	176	97.3	191	51.9	53.3	55.7	77.0	61.1	1
2	46.2	24.3	120	367	176	93.9	192	53.0	55.0	54.4	56.2	52.8	2
3	63.8	45.8	107	380	152	93.4	191	53.8	53.0	54.0	79.5	79.8	3
4	33.1	46.6	77.1	414	167	111	192	57.7	54.2	53.3	62.2	85.2	4
5	18.3	56.4	91.1	416	169	89.9	192	87.3	54.3	52.7	52.8	85.3	5
6	40.4	63.0	95.9	438	140	116	193	146	53.2	55.7	40.2	84.2	6
7	34.3	41.3	60.2	485	141	109	193	93.2	53.0	52.7	37.7	66.5	7
8	42.6	29.9	24.6	476	151	112	192	95.5	54.0	173	64.7	94.5	8
9	44.5	33.0	80.7	399	155	106	192	89.3	52.7	76.0	77.6	114	9
10	31.9	36.1	49.0	369	121	108	192	85.6	88.4	52.8	101	106	10
11	41.1	45.3	75.5	279	123	108	189	81.0	56.3	53.0	76.5	56.7	11
12	45.5	94.4	86.6	203	175	93.2	125	80.3	54.3	53.4	92.6	74.8	12
13	41.0	74.0	76.3	199	179	89.3	71.7	65.9	53.2	54.3	53.9	80.4	13
14	28.8	49.1	45.0	202	155	132	84.3	54.4	53.0	53.3	27.0	74.0	14
15	18.9	14.8	34.3	200	137	130	85.4	54.5	54.3	68.0	48.2	106	15
16	25.6	28.6	64.4	200	126	138	95.7	52.8	55.4	59.3	48.5	109	16
17	21.2	47.0	90.4	206	107	146	132	52.9	56.7	54.2	62.9	108	17
18	24.2	49.9	107	364	107	169	133	54.1	53.8	73.1	64.1	93.0	18
19	27.6	80.9	131	303	119	169	119	53.5	52.9	79.2	87.0	136	19
20	24.5	97.1	120	260	121	166	102	53.2	53.1	88.1	101	94.8	20
21	31.7	91.8	88.7	261	118	166	85.2	56.7	53.1	55.2	52.1	60.0	21
22	37.6	28.0	88.1	257	105	166	95.1	54.1	53.0	55.9	21.8	48.9	22
23	22.5	69.5	108	244	89.1	158	91.0	52.8	53.5	72.8	38.5	68.5	23
24	24.3	135	118	240	86.0	125	83.8	52.8	54.2	81.9	40.6	60.9	24
25	38.5	194	90.7	202	86.1	166	83.4	52.9	54.7	72.3	46.5	49.4	25
26	48.2	123	109	168	102	167	55.5	53.0	55.9	73.7	40.9	37.6	26
27	38.6	131	154	176	106	174	53.1	52.3	55.6	78.6	42.5	61.2	27
28	38.6	127	167	196	99.0	190	54.5	51.3	53.8	59.8	55.4	64.4	28
29	32.3		168	192	110	192	51.6	54.2	53.0	65.9	49.3	72.0	29
30	38.0		169	177	114	192	51.0	54.4	53.2	84.2	72.2	75.0	30
31	37.0		179		109		52.4	52.0		68.8		55.4	31
TOTAL	1 072.6	1 881.2	3 093.6	8 491	4 021.2	4 073.0	3 813.7	2 000.4	1 654.1	2 085.3	1 770.4	2 415.4	TOTAL
MEAN	34.6	67.2	99.8	283	130	136	123	64.5	55.1	67.3	59.0	77.9	MEAN
MAX	63.8	194	179	485	179	192	193	146	88.4	173	101	136	MAX
MIN	18.3	14.8	24.6	168	86.0	89.3	51.0	51.3	52.7	52.7	21.8	37.6	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 99.6
MAXIMUM DAILY, 485 ON APR 7
MINIMUM DAILY, 14.8 ON FEB 15
MAXIMUM INSTANTANEOUS,
488 AT 04:38 EST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 12 04 N
LONG 83 01 32 W
DRAINAGE AREA, 9 300 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	92 700	JUL	330 000
FEB	163 000	AUG	173 000
MAR	267 000	SEP	143 000
APR	734 000	OCT	180 000
MAY	347 000	NOV	153 000
JUN	352 000	DEC	209 000

TOTAL DISCHARGE, 3 140 000 dam³

MISSISSAGI RIVER AT RAYNER GENERATING STATION - STATION NO. 02CC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.8	9.00	80.3	160	113	42.1	138	33.9	48.1	43.9	29.6	22.0	1
2	19.3	17.5	58.0	291	114	36.5	115	34.0	9.50	35.0	35.0	48.5	2
3	26.8	32.4	55.6	295	97.4	81.3	135	18.8	24.4	44.1	29.5	53.2	3
4	0	52.9	58.2	239	123	42.6	155	47.3	34.4	31.4	26.1	51.2	4
5	24.7	34.8	33.7	185	84.8	93.2	162	101	35.0	38.8	29.1	35.1	5
6	16.6	20.7	53.6	212	96.8	28.5	125	101	35.3	31.4	26.0	50.6	6
7	29.9	23.8	19.1	279	127	55.6	143	108	36.6	82.4	23.7	42.2	7
8	15.1	28.5	44.8	220	92.0	45.2	128	42.3	65.4	164	30.3	45.3	8
9	21.8	0	29.6	203	109	65.7	128	70.7	47.7	32.6	43.1	126	9
10	36.5	37.7	60.2	190	54.9	65.3	140	47.9	15.9	15.2	63.1	34.1	10
11	20.0	50.0	46.4	107	93.3	54.8	83.8	43.7	71.2	11.9	42.5	50.5	11
12	7.20	48.3	30.1	88.2	119	58.2	24.1	47.4	13.6	40.5	46.7	44.8	12
13	15.8	26.3	49.0	99.1	90.1	82.4	72.8	43.0	22.0	42.8	23.0	29.6	13
14	36.8	15.4	24.1	90.9	102	67.0	72.2	38.1	24.9	47.5	17.2	58.5	14
15	10.2	23.8	22.6	90.6	87.9	98.1	87.5	40.3	48.7	68.3	22.1	82.1	15
16	15.9	33.1	25.9	73.9	74.1	84.4	85.1	38.2	42.4	28.9	23.5	94.6	16
17	3.00	35.9	84.9	160	92.6	91.2	94.1	37.5	33.6	51.7	35.5	88.0	17
18	6.00	24.5	73.5	215	53.6	85.1	91.5	27.7	39.8	33.9	22.5	119	18
19	12.6	48.6	121	215	69.6	96.5	88.1	26.2	36.2	23.1	80.5	81.2	19
20	25.9	47.8	51.4	210	83.9	102	52.8	33.2	34.2	21.9	41.6	38.8	20
21	8.30	42.8	65.0	158	81.7	89.3	39.8	48.8	32.5	29.2	27.1	33.1	21
22	28.2	37.6	47.3	127	52.4	82.9	83.3	33.9	37.7	27.3	5.70	40.2	22
23	8.40	43.5	92.9	187	55.6	87.3	67.0	30.7	45.2	65.9	1.50	42.0	23
24	35.7	120	107	138	39.9	79.3	56.1	33.7	39.5	46.7	26.9	41.2	24
25	11.1	53.2	47.7	71.8	66.5	78.8	46.5	46.3	39.6	23.3	22.5	21.3	25
26	16.3	90.2	116	106	83.7	120	35.7	42.3	35.0	45.9	25.3	26.6	26
27	30.6	67.8	130	88.3	52.9	86.2	39.7	38.0	35.2	25.9	25.0	37.3	27
28	25.1	79.6	132	130	82.1	68.3	34.2	36.2	56.6	37.7	39.0	46.0	28
29	13.3		98.2	116	66.9	143	28.4	74.3	54.7	37.0	47.3	41.6	29
30	21.3		123	106	90.5	109	32.5	60.0	47.4	43.7	35.9	24.4	30
31	14.9		137		73.4		36.2	11.1		6.70		55.9	31
TOTAL	572.10	1 145.70	2 118.1	4 851.8	2 623.6	2 319.8	2 620.4	1 435.5	1 142.30	1 278.60	946.80	1 604.9	TOTAL
MEAN	18.5	40.9	68.3	162	84.6	77.3	84.5	46.3	38.1	41.2	31.6	51.8	MEAN
MAX	36.8	120	137	295	127	143	162	108	71.2	164	80.5	126	MAX
MIN	0	0	19.1	71.8	39.9	28.5	24.1	11.1	9.50	6.70	1.50	21.3	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 62.1
MAXIMUM DAILY, 295 ON APR 3
MINIMUM DAILY, 0 ON JAN 4

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 26 07 N
LONG 83 23 05 W
DRAINAGE AREA, 6 840 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	49 400	JUL	226 000
FEB	99 000	AUG	124 000
MAR	183 000	SEP	98 700
APR	419 000	OCT	110 000
MAY	227 000	NOV	81 800
JUN	200 000	DEC	139 000

TOTAL DISCHARGE, 1 960 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

MISSISSAGI RIVER AT RED ROCK FALLS - STATION NO. 02CC009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.3	17.4	109	235	163	84.4	174	47.7	48.7	48.4	63.5	49.8	1
2	42.9	20.2	98.1	355	163	82.7	174	47.8	48.0	49.9	58.8	44.9	2
3	56.2	53.3	72.0	367	132	92.4	180	48.3	48.3	48.5	65.9	75.9	3
4	0	25.5	64.1	391	151	84.8	182	61.1	48.7	48.7	58.0	75.9	4
5	31.5	51.3	88.2	410	144	96.7	183	98.8	48.3	48.2	36.8	75.9	5
6	40.8	47.0	77.9	463	128	88.5	185	128	47.5	48.7	19.5	75.9	6
7	33.2	22.5	15.1	501	134	120	178	81.0	48.4	63.7	56.8	55.9	7
8	25.0	25.3	43.9	475	136	77.2	185	85.2	48.7	182	63.3	112	8
9	43.5	28.1	76.9	399	134	97.1	190	76.8	61.4	48.0	70.6	99.3	9
10	21.0	33.6	29.8	348	83.0	94.6	170	75.9	75.6	49.1	90.5	76.1	10
11	36.3	42.2	75.9	237	131	100	168	73.0	47.3	49.2	73.2	52.0	11
12	31.8	77.5	89.3	188	168	76.7	71.6	70.9	48.7	48.4	76.8	63.7	12
13	33.6	47.1	42.2	188	155	93.5	78.1	48.9	46.7	49.8	14.9	59.2	13
14	10.5	7.80	24.2	178	133	120	76.7	47.4	49.0	48.7	41.3	83.9	14
15	20.9	14.8	37.4	189	111	130	76.7	49.6	49.3	67.5	45.0	95.8	15
16	14.0	40.5	64.2	181	119	122	109	48.5	49.1	47.7	43.8	93.0	16
17	19.1	40.8	101	214	77.2	141	128	48.6	48.9	47.4	57.9	97.1	17
18	20.8	42.0	90.5	370	101	158	122	49.1	48.3	69.2	47.6	99.6	18
19	17.9	69.0	131	267	113	158	105	48.5	48.8	78.7	103	115	19
20	13.6	77.2	82.6	262	110	158	76.1	48.7	48.8	63.4	76.2	67.5	20
21	42.9	48.3	77.2	246	92.9	155	75.9	51.3	48.7	46.0	6.00	49.9	21
22	15.5	22.0	77.4	249	91.1	152	93.7	47.4	48.6	57.6	33.0	51.0	22
23	18.5	76.4	120	237	77.2	123	76.2	47.5	48.7	70.1	38.5	59.9	23
24	27.8	141	77.7	219	77.2	133	76.2	48.5	49.0	74.9	29.6	57.2	24
25	33.1	144	76.9	179	77.2	158	63.6	48.2	49.6	70.9	46.6	21.2	25
26	40.1	90.0	122	145	95.9	158	47.8	48.3	48.7	61.6	28.5	54.2	26
27	29.6	113	141	172	91.8	173	49.0	48.1	49.6	58.8	50.6	43.1	27
28	22.3	93.6	155	183	91.7	184	47.3	48.0	49.0	50.8	51.1	56.4	28
29	29.5		153	173	97.8	188	43.3	47.4	49.3	70.9	34.2	64.3	29
30	33.5		151	164	118	178	47.7	48.1	48.5	63.3	75.8	57.8	30
31	16.5		164		84.6		48.0	46.5		66.8		57.7	31
TOTAL	844.2	1 511.40	2 728.5	8 185	3 581.6	3 777.6	3 480.9	1 813.1	1 498.2	1 895.9	1 557.30	2 143.1	TOTAL
MEAN	27.2	54.0	88.0	273	116	126	112	58.5	49.9	61.2	51.9	69.1	MEAN
MAX	56.2	144	164	501	168	180	190	128	75.6	182	103	115	MAX
MIN	0	7.80	15.1	145	77.2	76.7	43.3	46.5	46.7	46.0	6.00	23.2	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 90.5
MAXIMUM DAILY, 501 ON APR 7
MINIMUM DAILY, 0 ON JAN 4

DATA CONTRIBUTED BY -
ONTARIO HYDRO

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 18 57 N
LONG 83 17 27 W
DRAINAGE AREA, 9 010 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	72 900	JUL	301 000
FEB	131 000	AUG	157 000
MAR	236 000	SEP	129 000
APR	707 000	OCT	164 000
MAY	309 000	NOV	135 000
JUN	326 000	DEC	185 000

TOTAL DISCHARGE, 2 850 000 dam³

MISSISSAGI RIVER AT ROCKY ISLAND LAKE - STATION NO. 02CB002

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	400.120	400.870	398.220	398.050	405.700	407.400	408.840	408.200	407.330	406.080	405.520	405.950	1
2	400.150	400.850	398.120	398.260	405.780E	407.440	408.880	408.190	407.310	405.990	405.550	405.940	2
3	400.200	400.870	398.020	398.490	405.860E	407.470	408.900	408.150	407.250	405.900	405.580	405.940	3
4	400.240	400.870	397.940	398.810	405.950	407.540	408.910	408.160	407.220	405.810	405.600	405.930	4
5	400.270	400.820	397.850	399.320	406.040	407.540	408.930	408.140	407.190	405.720	405.640	405.920	5
6	400.310	400.780	397.790	399.840	406.090	407.620	408.910	408.130	407.140	405.590	405.670	405.910	6
7	400.270	400.740	397.740	400.330	406.180	407.650	408.920	408.100	407.110	405.420	405.690	405.900	7
8	400.220	400.700	397.690	400.770	406.240	407.680	408.900	408.070	407.110	405.300	405.720	405.890	8
9	400.220	400.660	397.650	401.180	406.300	407.740	408.870	408.040	407.060	405.250	405.740	405.850	9
10	400.210	400.500	397.620	401.580	406.400	407.770	408.840	408.010	407.050	405.230	405.750	405.810	10
11	400.220	400.300	397.590	401.940	406.450	407.810	408.810	407.990	407.030	405.210	405.780	405.770	11
12	400.220	400.200	397.550	402.230	406.510	407.840	408.780	407.970	407.020	405.190	405.800	405.740	12
13	400.240	400.100	397.540	402.550	406.560	407.880	408.750	407.960	406.980	405.170	405.820	405.710	13
14	400.520	400.050	397.520	402.830	406.630	407.920	408.710	407.930	406.970	405.150	405.840	405.660	14
15	400.540	399.950	397.500	403.110	406.690	407.970	408.680	407.900	406.940	405.130	405.870	405.610	15
16	400.560	399.900	397.480	403.370	406.750	408.020	408.650	407.880	406.910	405.120	405.890	405.530	16
17	400.580	399.840	397.470	403.630	406.800	408.060	408.620	407.850	406.890	405.110	405.910	405.460	17
18	400.590	399.780	397.450	403.870	406.840	408.100	408.590	407.830	406.840	405.110	405.930	405.400	18
19	400.600	399.750	397.440	404.050	406.900	408.150	408.560	407.810	406.800	405.110	405.960	405.350	19
20	400.660	399.710	397.440	404.200	406.920	408.190	408.530	407.780	406.780	405.130	405.980	405.330	20
21	400.690	399.680	397.430	404.400	406.960	408.240	408.510	407.740	406.740	405.140	405.990	405.240	21
22	400.710	399.630	397.420	404.600	407.000	408.290	408.470	407.700	406.710	405.170	406.000	405.210	22
23	400.720	399.600	397.410	404.800	407.040	408.340	408.430	407.670	406.670	405.200	406.020	405.150	23
24	400.760	399.080	397.410	405.000	407.080	408.390	408.410	407.650	406.590	405.230	406.030	405.110	24
25	400.790	398.820	397.410	405.100	407.120	408.470	408.370	407.630	406.520	405.260	406.020	405.070	25
26	400.820	398.640	397.410	405.200	407.170	408.530	408.350	407.600	406.450	405.290	406.010	405.050	26
27	400.820	398.570	397.410	405.300	407.210	408.600	408.330	407.570	406.390	405.350	406.000	405.040	27
28	400.840	398.350	397.420	405.450	407.250	408.660	408.310	407.520	406.340	405.410	405.990	404.970	28
29	400.860		397.490	405.530	407.300	408.710	408.270	407.470	406.280	405.440	405.970	404.930	29
30	400.870		397.510	405.620	407.330	408.800	408.250	407.430	406.190	405.460	405.960	404.930	30
31	400.870		397.500		407.360		408.230	407.380		405.490		404.880	31
MEAN	400.506	399.986	397.595	402.647	406.658	408.027	408.629	407.854	406.860	405.360	405.841	405.490	MEAN
MAX	400.870	400.870	398.220	405.620	407.360	408.800	408.930	408.200	407.330	406.080	406.030	405.950	MAX
MIN	400.120	398.350	397.410	398.050	405.700	407.400	408.230	407.380	406.190	405.110	405.520	404.880	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 404.646
MAXIMUM DAILY, 408.930 ON JUL 5
MINIMUM DAILY, 397.410 ON MAR 23

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 52 00 N
LONG 83 09 19 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED

REGULATED SINCE 1950

DRAINAGE AREA,
2 150 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MISSISSAGI RIVER BELOW AUBREY FALLS - STATION NO. 02CB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	25.1	111	50.7	26.8	51.7	22.9	14.4	60.0	2.90	15.5	1
2	5.50	30.3	35.2	9.90	38.5	32.6	51.9	33.2	10.2	31.7	0	29.4	2
3	7.80	53.0	29.6	29.6	58.4	35.2	84.7	21.9	29.1	44.4	4.80	30.5	3
4	0	20.8	23.1	23.0	50.5	21.5	71.9	55.2	35.7	29.6	5.30	23.3	4
5	13.2	12.3	28.3	27.6	48.6	32.0	65.4	52.0	41.1	77.1	7.60	22.7	5
6	16.9	10.3	27.9	19.0	31.0	35.5	87.2	108	38.0	93.4	2.50	35.8	6
7	13.6	20.3	14.3	7.20	29.2	4.50	79.4	43.9	9.40	87.1	8.60	23.9	7
8	12.5	15.0	24.7	15.1	46.0	19.4	89.0	21.2	46.9	78.8	14.5	25.2	8
9	8.60	0	20.0	0	17.6	34.7	80.2	24.8	29.8	37.9	49.2	113	9
10	4.60	11.8	21.4	6.50	44.6	23.3	87.1	56.5	29.4	36.9	36.5	25.9	10
11	5.80	38.2	12.7	1.00	46.5	24.6	41.7	35.5	7.70	12.4	1.80	26.0	11
12	3.00	43.3	63.1	0	44.8	31.1	41.6	33.1	10.7	14.0	22.6	39.4	12
13	7.90	21.6	0.500	14.1	41.5	33.4	43.7	6.50	18.9	17.4	7.50	30.7	13
14	14.2	23.7	20.8	35.9	36.8	13.1	72.2	31.0	18.5	29.5	3.50	47.8	14
15	3.70	27.4	2.10	14.9	39.2	48.4	64.5	15.8	33.8	58.9	9.20	81.8	15
16	3.10	16.0	10.8	59.7	39.7	34.9	53.1	3.20	28.5	23.0	2.40	69.0	16
17	1.70	24.2	67.7	68.1	16.7	16.3	61.7	10.3	9.90	15.9	17.2	97.9	17
18	1.30	32.3	60.6	72.5	32.8	46.0	83.4	23.8	35.6	14.7	9.60	68.3	18
19	3.60	26.1	10.9	87.3	32.3	34.2	3.70	21.8	21.7	26.9	75.6	28.7	19
20	21.3	27.9	7.30	51.7	34.9	15.0	69.3	30.5	17.5	0	0	17.8	20
21	5.80	32.5	13.4	44.4	21.2	3.90	55.7	45.9	32.2	5.10	9.90	24.8	21
22	38.2	26.5	134	61.7	37.8	32.5	35.6	27.4	26.9	0	0	31.6	22
23	8.00	42.1	96.4	64.6	22.0	35.0	28.8	29.0	28.9	0	0	38.4	23
24	0	72.0	35.6	51.0	31.8	9.40	24.4	33.1	27.7	0	4.10	25.3	24
25	0	90.6	38.8	23.4	30.8	34.0	38.2	16.5	32.0	41.1	25.3	17.8	25
26	12.9	46.5	49.0	31.7	33.6	37.5	14.0	24.1	42.8	0	21.7	21.7	26
27	18.3	69.3	36.5	24.7	24.7	31.0	21.1	35.3	51.8	18.0	20.8	37.2	27
28	15.3	50.1	18.7	40.1	47.2	32.4	33.0	33.0	40.4	11.9	31.1	13.8	28
29	9.80		55.3	48.0	31.0	40.9	32.1	64.7	49.5	2.70	10.0	30.6	29
30	11.6		74.6	38.9	19.6	36.0	21.3	67.2	37.7	4.70	20.7	33.2	30
31	4.30		66.2		26.3		28.2	11.5		0		29.2	31
TOTAL	272.50	884.1	1 124.600	1 082.60	1 106.3	855.10	1 615.80	1 038.80	856.70	873.10	424.90	1 156.2	TOTAL
MEAN	8.79	31.6	36.3	36.1	35.7	28.5	52.1	33.5	28.6	28.2	14.2	37.3	MEAN
MAX	38.2	90.6	134	111	58.4	48.4	89.0	108	51.8	93.4	75.6	113	MAX
MIN	0	0	0.500	0	16.7	3.90	3.70	3.20	7.70	0	0	13.8	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.9
MAXIMUM DAILY, 134 ON MAR 22
MINIMUM DAILY, 0 ON JAN 1

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 54 42 N
LONG 83 12 38 W
DRAINAGE AREA, 4 040 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	23 500	JUL	140 000
FEB	76 400	AUG	89 800
MAR	97 200	SEP	74 000
APR	93 500	OCT	75 400
MAY	95 600	NOV	36 700
JUN	73 900	DEC	99 900

TOTAL DISCHARGE, 976 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

MISSISSAGUA RIVER BELOW MISSISSAGUA LAKE - STATION NO. 02HH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.41	2.50	3.85	1.14	5.29	3.13	1.90	3.07	1.76	4.61	5.84	4.60	1
2	4.36	2.58	4.58	1.23	7.50	3.12	1.85	2.95	1.78	4.46	5.81	4.61	2
3	4.28	2.52	3.93	1.38	7.26	3.19	1.84	2.88	1.77	4.32	5.78	4.58	3
4	4.20	2.48	3.47	1.86	4.88	3 26	1.98	2.82	1.95	4.14	5.74	4.59	4
5	4.13	2.45	3.72	2.47	2 68	3.23	2.62	2.82	2.02	4.06	5.66	4.54	5
6	4.10	2.39	5.35	2.84	2.69	3.21	2.11	2.70	2.16	4.11	5.72	4.51	6
7	4.03	2.34	7.09	4.73	2.58	3.16	2.07	2.60	2.11	4.04	5.66	4.47	7
8	3.97	2.33	7.12	6.83	7.20	3.16	2.00	2.54	2.50	3.87	5.59	4.47	8
9	3.85	2.27	7.06	7.24	9.46	3.18	1.81	2.49	2.53	3.77	5.53	4.40	9
10	3.77	2.31	7.01	7.33	3.22	2.81	1.74	2.42	2.67	3.72	5.43	4.36	10
11	3.72	2.65	6.96	7.84	3.28	2.39	1.68	2.39	2.74	3.64	5.35	4.29	11
12	3.62	2.69	6.92	7.94	3.42	2.35	1.65	2.32	2.92	3.58	5.26	4.22	12
13	3.53	2.70	6.76	7.68	3.45	2.32	1.68	2.25	3.20	4.23	5.17	4.15	13
14	3.46	2.68	6.51	7.95	3.45	2.25	1.63	2.13	3.30	5.82	5.10	4.13	14
15	3.42	2.67	6.31	8.19	3.49	2.24	1.55	2.24	3.31	5.81	5.01	4.11	15
16	3.37	2.70	6.16	9.27	3.54	2.23	1.48	2.18	6.46	5.70	4.94	4.05	16
17	3.31	2.78	6.01	12.5	3.56	2.18	1.63	2.08	13.9	5.55	4.95	3.99	17
18	3.21	2.89	5.85	12.1	3.57	2.09	2.10	2.00	13.2	5.65	4.88	3.92	18
19	3.16	3.13	5.70	11.5	3.58	2.04	2.03	1.96	12.5	5.61	4.79	3.85	19
20	3.09	3.86	5.55	10.9	3.58	2.00	1.96	1.92	12.0	5.49	4.87	3.76	20
21	3.03	4.88	5.44	10.3	3.60	1.93	1.91	1.89	11.3	5.46	4.90	3.71	21
22	2.97	5.32	5.33	9.86	3.62	2.25	4.20	1.87	10.7	5.50	4.85	3.71	22
23	2.89	4.28	5.18	9.52	3.40	2.33	6.53	1.84	10.1	5.52	4.76	3.79	23
24	2.84	1.80	5.08	9.25	3.32	2.28	6.15	1.80	9.58	5.49	4.70	3.72	24
25	2.79	1.21	4.94	8.87	3.28	2.22	5.84	1.76	9.12	5.42	4.60	3.66	25
26	2.76	1.58	3.60	8.46	3.27	2.19	5.55	1.71	8.84	5.46	4.55	3.62	26
27	2.71	2.36	2.12	8.06	3.28	2.08	5.30	1.72	8.58	5.60	4.69	3.52	27
28	2.66	3.15	2.08	5.38	3.29	2.04	5.22	1.71	8.18	5.98	4.68	3.45	28
29	2.59		2.09	3.00	3.25	2.02	4.32	1.73	7.76	5.90	4.67	3.42	29
30	2.53		2.47	2.97	3.26	1.87	3.30	1.72	6.58	5.82	4.59	3.35	30
31	2.50		2.13		3.18		3.19	1.70		5.83		3.33	31
TOTAL	105.26	77.50	156.37	208.59	124.43	74.75	88.82	68.21	185.52	154.16	154.07	124.88	TOTAL
MEAN	3.40	2.77	5.04	6.95	4.01	2.49	2.87	2.20	6.18	4.97	5.14	4.03	MEAN
MAX	4.41	5.32	7.12	12.5	9.46	3.26	6.53	3.07	13.9	5.98	5.84	4.61	MAX
MIN	2.50	1.21	2.08	1.14	2.58	1.87	1.48	1.70	1.76	3.58	4.55	3.33	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.17
MAXIMUM DAILY, 13.9 ON SEP 17
MINIMUM DAILY, 1.14 ON APR 1
MAXIMUM INSTANTANEOUS,
14.2 AT 05:31 EST ON SEP 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 40 30 N
LONG 78 20 45 W
DRAINAGE AREA, 326 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 090	JUL	7 670
FEB	6 700	AUG	5 890
MAR	13 500	SEP	16 000
APR	10 800	OCT	13 300
MAY	10 800	NOV	13 300
JUN	6 460	DEC	10 800

TOTAL DISCHARGE, 132 000 dam³

REGULATED

MISSISSIPPI RIVER AT APPLETON - STATION NO. 02KF006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	27.9B	22.9B	202	51.2	26.2	33.6	28.8	12.1	13.7	47.9	72.8	51.9	1
2	27.8B	23.1B	197	48.5	25.8	34.4	28.5	11.4	13.9	47.2	77.2	51.7	2
3	27.3B	22.8B	190	47.5	26.3	34.9	28.5	11.0	13.6	46.0	81.5	51.4	3
4	27.2B	22.6B	175	46.8	26.0	35.6	26.9	11.1	14.0	45.8	82.2	50.8	4
5	27.0B	22.5B	162	46.9	25.8	37.9	26.6	10.2	15.2	44.7	82.6	49.8	5
6	26.8B	22.4B	149	40.0	22.0	38.4	25.7	10.6	16.6	44.2	79.5	47.9B	6
7	26.4B	22.3B	138	36.9	23.4	37.3	23.9	10.9	18.4	46.5	75.1	45.9B	7
8	26.3B	22.2B	129	36.4	23.9	38.6	22.9	10.3	23.9	43.9	75.5	45.3B	8
9	26.1B	22.1B	121	35.3	22.4	39.0	22.4	11.1	30.5	43.2	71.2	44.6B	9
10	26.0B	22.0B	114	34.9	19.3	38.8	22.2	12.4	51.9	43.2	69.7	43.6B	10
11	25.8B	26.2B	109	33.8	21.2	38.3	21.0	12.7	79.5	42.3	67.5	43.2B	11
12	25.5B	28.3B	104	32.0	25.1	38.1	20.3	12.9	93.6	41.3	65.0	42.8	12
13	25.3B	30.1B	99.6	33.3	26.7	36.2	19.0	11.9	105	40.5	64.3	42.9	13
14	25.2B	31.0B	95.7B	35.0	26.8	35.2	16.8	12.0	112	39.8	61.6	42.8	14
15	25.0B	32.0B	92.7	29.4	26.8	33.8	15.6	13.9	116	39.2	59.6	42.3	15
16	24.9B	32.8B	85.4	30.6	28.1	32.9	15.1	13.9	112	37.7	58.0	41.8	16
17	24.8B	35.4	80.5	28.6	28.6	32.1	14.7	13.3	107	38.2	57.4	40.9B	17
18	24.6B	41.6	79.0B	27.2	29.5	31.3	14.8	14.7	101	40.0	56.9	39.6B	18
19	24.5B	49.5	78.4	27.8	29.6	28.3	15.0	15.5	93.0	39.1	56.4	37.7B	19
20	24.4B	67.3	76.5	24.8	29.6	25.3	15.8	15.2	85.3	34.3	55.2	36.4B	20
21	24.3B	94.1	74.4	25.9	29.3	24.7	15.1	15.0	78.8	26.2	56.9	35.5B	21
22	24.2B	108	72.5	26.7	27.4	27.2	14.1	14.9	67.0	27.8	57.1	34.0	22
23	24.0B	130	70.7	25.8	26.9	31.5	13.5	14.9	59.0	32.5	56.5	34.0	23
24	23.9B	155	56.3	26.7	26.4	32.2	13.0	14.1	57.9	34.8	55.6	33.9	24
25	23.8B	169	42.6	26.4	26.3	33.2	13.1	13.6	56.9	36.5	54.4	33.2B	25
26	23.7B	182	47.0	26.5	26.0	33.1	12.9	14.1	54.9	38.3	53.1	32.6	26
27	23.6B	194	52.4	26.6	24.4	32.1	11.4	13.8	55.5	43.8	54.6	32.2B	27
28	23.5B	202	57.4	26.9	28.0	32.2	11.2	13.6	53.3	53.8	54.7	32.0	28
29	23.3B		56.3	26.7	31.1	31.5	11.0	13.4	51.1	57.0	52.9	31.9	29
30	23.1B		54.3	26.7	32.8	29.6	12.0	13.3	49.3	61.9	52.9	31.7B	30
31	23.0B		52.6		32.4		12.1	14.0		67.7		30.8	31
TOTAL	779.2	1 833.2	3 114.3	991.8	824.1	1 007.3	563.9	401.8	1 799.8	1 325.3	1 917.9	1 255.1	TOTAL
MEAN	25.1	65.5	100	33.1	26.6	33.6	18.2	13.0	60.0	42.8	63.9	40.5	MEAN
MAX	27.9	202	202	51.2	32.8	39.0	28.8	15.5	116	67.7	82.6	51.9	MAX
MIN	23.0	22.0	42.6	24.8	19.3	24.7	11.0	10.2	13.6	26.2	52.9	30.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 43.3
MAXIMUM DAILY, 202 ON FEB 28
MINIMUM DAILY, 10.2 ON AUG 5
MAXIMUM INSTANTANEOUS,
204 AT 00:16 EST ON MAR 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 10 36 N
LONG 76 07 27 W
DRAINAGE AREA, 2 900 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	67 300	JUL	48 700
FEB	158 000	AUG	34 700
MAR	269 000	SEP	156 000
APR	85 700	OCT	115 000
MAY	71 200	NOV	166 000
JUN	87 000	DEC	108 000

TOTAL DISCHARGE, 1 370 000 dam³

MOIRA RIVER NEAR DELORO - STATION NO. 02HL005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.65 B	0.810B	26.8	10.4	4.04	3.06	1.33	0.171	0.094	1.64	12.3	4.40B	1
2	1.60 B	0.830B	21.1	10.9	3.58	2.58	1.21	0.141	0.110	1.57	10.6	4.44	2
3	1.56 B	0.850B	15.2	10.5	3.19	2.42	1.08	0.121	0.134	1.49	9.09	4.61	3
4	1.52 B	0.774B	11.7	10.0	2.91	3.03	0.965	0.109	0.276	1.44	7.88	4.64	4
5	1.48 B	0.750B	9.66B	9.84	2.67	3.00	1.85	0.113	2.83	1.37	6.87	4.26	5
6	1.44 B	0.730B	7.96B	9.51	2.51	2.83	2.39	0.122	5.94	1.43	6.46	3.60B	6
7	1.40 B	0.710B	7.71	8.86	2.51	2.66	1.77	0.134	6.26	1.74	6.74	3.40B	7
8	1.36 B	0.700B	7.14	8.10	2.09	2.48	1.40	0.572	6.05	1.81	6.27	3.20B	8
9	1.33 B	0.690B	6.87	7.43	1.92	2.44	1.16	0.631	6.70	1.83	5.76	3.15B	9
10	1.30 B	0.690B	6.48	6.78	1.86	2.23	0.936	0.448	7.91	1.73	5.20	3.10B	10
11	1.27 B	2.40 B	6.23	6.41	2.51	1.99	0.782	0.391	10.2	1.58	4.80	3.08	11
12	1.24 B	10.0 B	5.74	5.94	4.83	1.74	0.595	0.366	9.68	1.50	4.45	2.94	12
13	1.21 B	11.0 B	5.41	5.49	5.82	1.53	0.533	0.307	8.61	1.61	3.99	2.82	13
14	1.18 B	11.5 B	4.71B	5.61	5.41	1.35	0.493	0.237	7.31	1.35	3.76	2.75	14
15	1.16 B	11.0 B	4.70	6.42	5.12	1.33	0.464	0.455	6.13	1.28	3.71	2.75	15
16	1.13 B	10.5 B	4.51	6.34	4.82	1.71	0.405	0.939	4.74	1.29	3.70	2.60B	16
17	1.11 B	11.0 B	4.00B	5.99	4.31	2.16	0.339	0.784	3.66	1.21	3.68	2.40B	17
18	1.09 B	13.0 B	3.69B	6.20	3.68	1.90	0.340	0.532	3.09	1.42	3.73	2.20B	18
19	1.07 B	17.0 B	3.69B	6.22	3.21	1.62	0.334	0.401	2.67	3.22	3.66	2.00B	19
20	1.05 B	25.0 B	3.35B	5.78	2.80	1.45	0.333	0.300	2.37	3.54	3.76	1.90B	20
21	1.03 B	30.0 B	3.07B	5.08	2.47	1.27	0.297	0.243	2.14	3.37	4.51	1.85B	21
22	1.01 B	35.0 B	3.24	4.49	2.21	1.83	0.270	0.190	1.96	3.51	4.72	1.88	22
23	0.990B	41.8 B	3.30	4.06	1.91	5.50	0.231	0.160	1.85	4.14	4.45	2.03	23
24	0.970B	50.2	3.49	4.34	1.65	5.32	0.198	0.149	1.70	4.85	3.86	2.15	24
25	0.950B	51.6	3.68	4.84	1.51	4.31	0.171	0.156	1.55	4.77	3.57	2.18	25
26	0.950B	47.8	3.82	4.75	1.56	3.39	0.154	0.138	1.43	5.17	3.35	2.17	26
27	1.03 B	40.8	4.01	4.40	1.80	2.76	0.135	0.120	1.78	6.96	3.98	2.14	27
28	0.970B	33.6	4.24	4.03	2.82	2.24	0.145	0.116	2.04	11.9	5.19	2.11	28
29	0.900B		4.36	3.97	3.91	1.83	0.209	0.105	1.94	15.0	5.17	2.05B	29
30	0.960B		5.53	4.17	3.77	1.52	0.372	0.098	1.79	15.4	4.40B	2.01B	30
31	0.830B		8.77		3.54		0.216	0.099		14.2		1.97B	31
TOTAL	36.640	460.734	214.16	196.85	96.94	73.48	21.067	8.848	112.944	125.32	159.61	86.78	TOTAL
MEAN	1.18	16.5	6.91	6.56	3.13	2.45	0.680	0.285	3.76	4.04	5.32	2.80	MEAN
MAX	1.65	51.6	26.8	10.9	5.82	5.50	2.39	0.939	10.2	15.4	12.3	4.64	MAX
MIN	0.830	0.690	3.07	3.97	1.51	1.27	0.135	0.098	0.094	1.21	3.35	1.85	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.37
MAXIMUM DAILY, 51.6 ON FEB 25
MINIMUM DAILY, 0.094 ON SEP 1
MAXIMUM INSTANTANEOUS,
52.6 AT 00:52 EST ON FEB 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 30 00 N
LONG 77 27 03 W
DRAINAGE AREA, 308 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 170	JUL	1 820
FEB	39 800	AUG	764
MAR	18 500	SEP	9 760
APR	17 000	OCT	10 800
MAY	8 380	NOV	13 800
JUN	6 350	DEC	7 500

TOTAL DISCHARGE, 138 000 dam³

MOIRA RIVER NEAR FOXBORO - STATION NO. 02HL001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.5B	10.9	288	40.1	38.9	38.3	20.7	4.54	6.79	23.5	83.4	37.5	1
2	18.5B	10.9	252	42.4	32.8	30.8	19.2	4.08	8.28	22.1	80.7	36.9	2
3	18.0B	10.9	216	43.7	31.3	27.5	17.9	3.95	9.66	21.0	76.9	36.6	3
4	17.5B	10.7	185	44.5	29.5	25.6	16.9	4.02	22.0	19.9	71.8	36.7	4
5	17.0B	10.3	161	45.8	27.7	25.0	16.2	4.61	33.8	19.4	66.0	36.4	5
6	16.5B	9.81	141	46.6	27.3	25.3	17.1	5.00	38.4	19.6	60.6	35.0	6
7	16.0B	9.96	124	46.3	25.5	26.0	19.8	4.89	52.5	20.9	58.2	33.7	7
8	15.6B	10.0	110	45.6	23.9	25.8	21.6	4.68	61.8	21.4	56.7	32.9	8
9	15.2B	10.0	98.7	44.6	22.3	25.1	21.6	4.68	63.9	21.0	55.2	30.6	9
10	14.8B	10.1	89.0	43.4	21.3	23.9	20.4	5.46	66.1	20.6	52.6	27.9	10
11	14.4B	30.4	81.1	42.3	27.0	22.7	18.2	6.76	74.5	21.2	49.5	28.2	11
12	14.0B	19.5	73.9	40.8	45.0	21.4	16.3	7.75	81.7	20.3	46.9	29.0	12
13	13.6B	20.7	67.8	39.8	42.9	19.6	14.6	7.98	83.3	18.7	44.1	28.0	13
14	13.3B	26.4	61.7	38.5	39.6	18.4	13.3	8.01	79.8	17.4	42.0	27.6	14
15	13.0B	34.5	56.3	38.7	39.5	17.8	12.0	13.7	72.4	16.5	40.2	27.2	15
16	12.7	41.8	53.0	37.7	38.9	17.6	10.8	17.0	63.6	16.0	38.7	26.5	16
17	12.4	52.2	49.7	38.0	37.6	17.2	9.74	19.3	55.4	15.2	37.8	24.9	17
18	12.5	62.8	45.6	40.9	35.4	17.4	9.49	18.2	49.2	15.5	37.0	24.1	18
19	12.5	79.9	43.8	45.5	32.6	18.4	8.96	16.7	44.5	16.4	36.2	22.6	19
20	12.4	111	42.7	45.1	29.1	18.5	8.50	15.0	40.7	17.5	36.0	21.2	20
21	12.5	166	40.3	42.0	26.3	17.9	8.21	13.4	38.1	19.6	36.7	21.1	21
22	12.8	236	39.5	38.5	24.3	18.9	7.60	11.8	36.5	21.9	37.5	21.2	22
23	12.8	278	39.2	36.7	22.7	21.2	6.90	10.3	34.0	26.2	38.1	21.1	23
24	12.6	320	39.6	38.3	21.4	24.2	5.43	9.33	31.9	28.2	37.9	21.1	24
25	12.4	347	39.6	43.2	20.3	27.6	3.20	8.43	30.0	30.7	36.4	21.3	25
26	12.4	364	38.7	48.0	19.6	28.8	3.01	7.46	28.3	32.9	34.8	21.4	26
27	12.5	353	38.5	46.8	18.9	28.3	3.57	7.00	27.4	43.3	34.7	20.8	27
28	12.5	323	37.4	43.8	25.7	26.5	4.47	6.63	26.8	49.8	36.4	21.2	28
29	12.3		36.1	40.6	27.3	24.1	5.32	6.28	26.3	62.1	38.1	21.0	29
30	11.8		36.3	37.4	30.0	21.9	5.34	6.04	25.1	75.3	38.4	20.8	30
31	11.4		38.2		31.6		4.96	6.58		82.4		20.5	31
TOTAL	435.4	2 969.77	2 663.7	1 265.6	912.2	697.7	371.30	269.56	1 312.73	856.5	1 439.5	835.0	TOTAL
MEAN	14.0	106	85.9	42.2	29.4	23.3	12.0	8.70	43.8	27.6	48.0	26.9	MEAN
MAX	19.5	364	288	48.0	45.0	34.3	21.6	19.3	83.3	82.4	83.4	37.5	MAX
MIN	11.4	9.81	36.1	36.7	18.9	17.2	3.01	3.95	6.79	15.2	34.7	20.5	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38.4
MAXIMUM DAILY, 364 ON FEB 26
MINIMUM DAILY, 3.01 ON JUL 26
MAXIMUM INSTANTANEOUS,
366 AT 15:25 EST ON FEB 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 15 14 N
LONG 77 25 10 W
DRAINAGE AREA, 2 620 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	37 600	JUL	32 100
FEB	257 000	AUG	23 300
MAR	230 000	SEP	113 000
APR	109 000	OCT	74 000
MAY	78 800	NOV	124 000
JUN	60 300	DEC	72 100

TOTAL DISCHARGE, 1 210 000 dam³

MOJIKIT LAKE RESERVOIR AT MOJIKIT LAKE - STATION NO. 04GB003

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	324.560	324.510	324.510	324.430	324.470	324.850	324.880	324.700	325.230	324.450	324.260	324.150	1
2	324.550	324.500	324.500	324.440	324.480	324.850	324.880	324.690	325.250	324.440	324.260	324.150	2
3	324.550	324.500	324.480	324.440	324.490	324.860	324.870	324.690	325.270	324.430	324.250	324.150	3
4	324.550	324.500	324.480	324.430	324.500	324.860	324.880	324.680	325.300	324.420	324.240	324.150	4
5	324.550	324.490	324.480	324.420	324.510	324.870	324.880	324.670	325.310	324.410	324.250	324.150	5
6	324.550	324.490	324.470	324.410	324.520	324.880	324.870	324.660	325.320	324.410	324.240	324.150	6
7	324.550	324.490	324.470	324.410	324.530	324.880	324.870	324.660	325.350	324.400	324.230	324.150	7
8	324.550	324.480	324.470	324.420	324.540	324.890	324.860	324.650	325.390	324.390	324.250	324.150	8
9	324.550	324.480	324.470	324.420	324.560	324.890	324.870	324.650	325.130	324.380	324.230	324.150	9
10	324.540	324.480	324.470	324.430	324.570	324.900	324.860	324.650	324.840	324.370	324.230	324.150	10
11	324.540	324.470	324.470	324.440	324.580	324.900	324.850	324.640	324.790	324.360	324.190	324.140	11
12	324.530	324.470	324.470	324.440	324.600	324.900	324.850	324.630	324.760	324.350	324.210	324.140	12
13	324.530	324.460	324.460	324.440	324.610	324.900	324.850	324.620	324.720	324.340	324.210	324.140	13
14	324.530	324.460	324.450	324.450	324.620	324.900	324.840	324.620	324.700	324.340	324.210	324.140	14
15	324.530	324.460	324.450	324.450	324.630	324.900	324.830	324.610	324.680	324.330	324.210	324.130	15
16	324.530	324.460	324.440	324.440	324.650	324.900	324.820	324.600	324.660	324.320	324.210	324.130	16
17	324.530	324.460	324.430	324.450	324.650	324.900	324.820	324.590	324.640	324.320	324.220	324.130	17
18	324.530	324.460	324.420	324.450	324.660	324.890	324.810	324.580	324.620	324.350	324.220	324.130	18
19	324.530	324.460	324.420	324.460	324.680	324.900	324.810	324.580	324.610	324.330	324.210	324.120	19
20	324.530	324.470	324.420	324.460	324.700	324.890	324.810	324.570	324.590	324.320	324.170	324.120	20
21	324.520	324.470	324.420	324.450	324.700	324.890	324.800	324.560	324.570	324.320	324.160	324.120	21
22	324.530	324.490	324.420	324.440	324.720	324.890	324.790	324.550	324.550	324.300	324.160	324.120	22
23	324.530	324.510	324.420	324.440	324.730	324.900	324.780	324.540	324.540	324.300	324.160	324.120	23
24	324.530	324.520	324.420	324.440	324.740	324.890	324.760	324.560	324.520	324.290	324.150	324.120	24
25	324.530	324.520	324.430	324.450	324.760	324.890	324.770	324.790	324.510	324.290	324.150	324.120	25
26	324.530	324.520	324.430	324.450	324.780	324.880	324.760	324.950	324.500	324.280	324.150	324.120	26
27	324.520	324.510	324.420	324.450	324.790	324.880	324.750	325.010	324.500	324.280	324.160	324.120	27
28	324.520	324.510	324.420	324.460	324.800	324.870	324.740	325.070	324.500	324.270	324.160	324.120	28
29	324.520		324.430	324.470	324.810	324.880	324.730	325.110	324.470	324.270	324.160	324.110	29
30	324.510		324.430	324.470	324.840	324.890	324.720	325.150	324.460	324.260	324.150	324.110	30
31	324.510		324.420		324.840		324.710	325.180		324.260		324.110	31
MEAN	324.534	324.486	324.448	324.442	324.647	324.886	324.817	324.716	324.809	324.341	324.202	324.133	MEAN
MAX	324.560	324.520	324.510	324.470	324.840	324.900	324.880	325.180	325.390	324.450	324.260	324.150	MAX
MIN	324.510	324.460	324.420	324.410	324.470	324.850	324.710	324.540	324.460	324.260	324.150	324.110	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 324.538
MAXIMUM DAILY, 325.390 ON SEP 8
MINIMUM DAILY, 324.110 ON DEC 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 15 N
LONG 88 12 30 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MONTREAL RIVER AT LOWER NOTCH GENERATING STATION - STATION NO. 02JD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	82.5	42.0	64.6	181	181	98.4	45.8	28.7	10.3	39.9	36.2	43.3	1
2	71.6	57.0	76.5	169	149	82.5	80.5	33.6	42.6	32.2	61.8	65.9	2
3	114	78.4	62.6	204	149	84.6	104	7.30	40.5	29.4	48.8	72.0	3
4	9.30	77.9	65.1	131	147	89.3	84.5	29.0	34.7	24.9	69.7	43.7	4
5	63.2	66.4	69.8	153	123	111	75.4	28.9	41.4	13.1	72.6	45.8	5
6	56.3	29.2	65.5	203	60.9	68.9	89.1	78.6	19.7	14.9	63.9	46.7	6
7	87.0	40.4	56.7	188	30.2	123	71.7	37.9	5.20	53.8	44.8	44.4	7
8	67.5	43.4	54.9	190	42.3	106	87.8	7.90	33.8	36.6	42.8	54.0	8
9	50.3	23.0	72.6	228	44.9	116	93.1	18.0	37.2	41.2	44.4	73.6	9
10	50.2	80.0	90.9	254	94.7	109	86.6	70.7	25.6	51.9	44.1	75.6	10
11	37.9	74.9	86.2	307	124	106	73.2	32.0	28.3	40.0	38.6	32.0	11
12	37.0	78.9	77.7	283	133	118	54.3	46.2	44.7	33.7	72.9	40.8	12
13	70.8	18.7	76.4	250	113	107	73.9	43.7	17.3	53.1	38.0	34.2	13
14	57.7	77.9	49.1	247	111	63.5	78.0	21.5	32.0	65.2	32.7	48.8	14
15	29.4	39.1	65.7	269	168	128	91.6	10.2	28.8	65.9	21.2	52.5	15
16	71.2	28.3	60.0	224	121	119	70.2	0	43.1	48.6	48.4	77.6	16
17	22.1	81.6	107	240	114	94.6	92.3	19.9	24.6	45.7	66.4	53.0	17
18	13.6	52.6	73.8	301	110	96.5	59.4	27.8	40.1	45.1	28.1	53.6	18
19	30.6	73.8	93.6	295	112	117	14.1	34.4	39.3	49.2	53.2	54.5	19
20	48.5	76.4	47.0	273	85.1	96.8	58.8	53.2	34.3	60.8	52.1	34.6	20
21	39.6	51.8	65.6	318	74.2	87.2	34.1	40.5	35.3	77.7	46.7	64.4	21
22	56.7	42.6	35.5	263	82.8	99.2	59.0	29.9	37.4	61.9	7.70	78.9	22
23	31.6	60.2	63.7	233	98.9	99.5	46.2	28.9	33.0	52.2	29.5	75.5	23
24	36.7	62.7	68.4	237	73.2	112	6.80	29.9	29.0	51.6	43.4	49.0	24
25	42.0	53.9	72.7	238	103	90.3	20.7	35.0	64.1	48.2	51.3	58.5	25
26	65.5	70.2	81.4	248	98.2	88.0	2.80	42.0	7.90	45.5	16.1	46.6	26
27	65.7	84.0	73.7	239	98.1	119	30.9	45.1	24.2	61.4	53.0	63.0	27
28	79.2	78.0	45.2	171	175	61.5	45.6	34.6	36.3	71.9	49.4	65.7	28
29	54.3		76.6	181	136	113	32.5	40.9	37.6	54.2	52.8	76.7	29
30	52.1		77.0	179	99.2	100	52.9	2.80	36.2	70.8	50.7	75.7	30
31	36.9		168		93.5		37.6	19.2		9.40		46.9	31
TOTAL	1 593.00	1 643.3	2 243.5	6 897	3 345.2	3 004.8	1 853.40	978.30	964.50	1 450.00	1 381.30	1 747.5	TOTAL
MEAN	51.4	58.7	72.4	230	108	100	59.8	31.6	32.2	46.8	46.0	56.4	MEAN
MAX	114	84.0	168	318	181	128	104	78.6	64.1	77.7	72.9	78.9	MAX
MIN	9.30	18.7	35.5	131	30.2	61.5	2.80	0	5.20	9.40	7.70	32.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 74.3
MAXIMUM DAILY, 318 ON APR 21
MINIMUM DAILY, 0 ON AUG 16

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 08 15 N
LONG 79 27 15 W
DRAINAGE AREA, 6 600 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	138 000	JUL	160 000
FEB	142 000	AUG	84 500
MAR	194 000	SEP	83 300
APR	596 000	OCT	125 000
MAY	289 000	NOV	119 000
JUN	260 000	DEC	151 000

TOTAL DISCHARGE, 2 340 000 dam³

MONTREAL RIVER AT MOUNTAIN CHUTES - STATION NO. 02JD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.2	19.3	23.6	39.2	127	55.1	59.7	11.9	12.2	9.19	37.4	20.4	1
2	17.8	19.8	25.0	52.3	107	54.3	59.1	11.5	11.6	10.6	36.9	21.1	2
3	17.2	19.6	25.4	67.1	99.2	56.5	58.0	10.7	10.7	10.3	31.4	21.8	3
4	17.0	19.8	25.8	91.3	99.6	63.6	57.0	9.18	10.9	11.1	29.4	22.2	4
5	16.7	19.8	28.8	133	103	70.4	54.6	8.60	11.5	12.5	28.6	23.2	5
6	16.5	20.0	30.6	179	106	75.5	54.4	10.1	11.9	15.8	30.4	24.0	6
7	16.6	19.9	29.3	188	107	74.9	54.2	11.9	11.5	23.5	30.5	24.4	7
8	16.2	20.0	27.9	179	107	73.6	53.6	13.3	12.1	30.7	31.3	25.1	8
9	16.3	19.8	27.0	168	107	73.9	53.6	14.3	12.4	36.8	31.8	25.2	9
10	16.2	19.0	26.4	166	105	73.1	51.6	14.6	15.0	38.4	31.2	24.9	10
11	16.2	18.8	26.0	181	103	73.7	49.3	15.8	16.4	38.2	32.6	24.8	11
12	16.0	17.8	25.5	194	102	74.5	47.9	16.4	16.7	36.9	31.5	24.7	12
13	15.9	17.2	23.7	204	101	74.2	48.8	15.2	16.4	35.1	30.2	24.7	13
14	15.8	16.8	21.4	216	99.4	73.1	46.3	14.1	15.9	34.1	29.1	24.7	14
15	15.6	16.8	20.4	229	93.4	72.9	41.4	14.6	15.4	36.7	27.9	24.9	15
16	16.2	16.8	19.3	238	83.1	73.7	41.3	14.4	15.0	37.5	27.2	25.1	16
17	18.6	16.8	19.0	245	77.4	74.5	39.6	13.5	14.7	34.4	27.0	26.8	17
18	21.2	16.9	18.4	246	75.1	72.3	34.7	13.4	15.6	33.4	27.6	27.1	18
19	22.5	17.8	18.4	241	73.9	73.0	31.3	13.0	14.6	32.9	27.7	27.1	19
20	23.4	17.4	18.6	233	73.2	71.1	29.8	12.1	13.0	32.9	28.3	27.0	20
21	24.0	16.5	18.2	222	71.4	69.6	28.5	11.7	12.3	33.5	31.4	27.2	21
22	24.3	16.1	18.0	212	70.7	68.2	26.9	12.1	12.0	33.4	32.3	27.6	22
23	23.2	16.5	18.0	200	70.0	66.2	25.6	13.0	11.3	34.2	31.7	27.5	23
24	21.2	17.2	18.0	196	65.7	62.5	24.2	13.7	10.5	36.3	25.5	27.7	24
25	19.1	17.7	19.0	187	63.6	61.6	23.5	13.7	10.0	37.4	21.0	27.8	25
26	18.6	18.3	20.1	177	63.8	62.4	22.9	14.0	9.49	38.3	18.8	27.5	26
27	19.2	18.9	20.8	162	66.7	60.7	22.0	14.1	9.75	38.5	19.5	27.4	27
28	19.2	21.7	21.3	147	66.8	58.7	20.8	13.6	10.2	38.4	20.3	27.4	28
29	19.4		23.5	146	63.3	57.4	19.7	13.3	9.33	37.4	20.6	26.9	29
30	19.3		27.4	143	61.0	60.6	16.9	13.9	9.04	36.6	20.5	26.0	30
31	19.2		32.0		56.9		13.8	14.2		37.1		25.6	31
TOTAL	576.8	513.0	716.8	5 281.9	2 669.2	2 031.8	1 211.0	405.88	377.41	952.09	849.6	787.8	TOTAL
MEAN	18.6	18.3	23.1	176	86.1	67.7	39.1	13.1	12.6	30.7	28.3	25.4	MEAN
MAX	24.3	21.7	32.0	246	127	75.5	59.7	16.4	16.7	38.5	37.4	27.8	MAX
MIN	15.6	16.1	18.0	39.2	56.9	54.3	13.8	8.60	9.04	9.19	18.8	20.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 44.9
MAXIMUM DAILY, 246 ON APR 18
MINIMUM DAILY, 8.60 ON AUG 5
MAXIMUM INSTANTANEOUS,
248 AT 03:14 EST ON APR 18

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 38 21 N
LONG 80 11 28 W
DRAINAGE AREA, 4 300 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	49 800	JUL	105 000
FEB	44 300	AUG	35 100
MAR	61 900	SEP	32 600
APR	456 000	OCT	82 300
MAY	231 000	NOV	73 400
JUN	176 000	DEC	68 100

TOTAL DISCHARGE, 1 420 000 dam³

MONTREAL RIVER NEAR MONTREAL RIVER HARBOUR - STATION NO. 02BE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.8	33.1	21.1	37.5	60.0	60.5	52.9	50.6	40.6	36.7	4.59	7.25	1
2	38.8	38.5	39.2	19.2	64.3	68.0	56.3	50.4	48.6	32.3	17.9	5.27	2
3	49.8	43.1	23.3	41.3	54.2	51.6	57.7	48.1	46.5	18.5	11.6	8.78	3
4	41.7	52.2	29.4	14.7	52.4	49.5	50.4	42.9	34.0	18.0	14.8	4.93	4
5	45.2	49.3	28.6	14.2	36.6	62.0	39.7	43.1	31.3	30.4	6.99	9.09	5
6	35.2	38.4	36.0	24.9	60.4	49.4	41.6	41.8	21.4	31.7	9.49	20.1	6
7	48.9	29.1	17.6	27.1	57.2	54.5	47.3	46.0	24.6	29.1	3.85	3.60	7
8	55.6	29.7	23.6	33.5	62.8	57.6	49.7	42.0	35.2	24.7	6.74	12.5	8
9	51.4	45.5	34.7	24.5	75.3	46.9	69.3	46.2	35.2	25.7	9.15	10.8	9
10	38.9	34.6	25.5	46.8	71.4	61.7	49.7	46.4	43.1	17.6	8.89	14.0	10
11	31.7	26.9	37.4	33.8	72.6	71.4	51.1	39.9	42.3	14.7	11.8	8.04	11
12	41.7	54.1	29.2	18.9	68.9	58.8	46.5	53.1	38.9	22.9	4.47	22.0	12
13	35.2	49.1	35.7	37.5	71.4	50.7	47.3	71.3	25.5	20.5	20.0	7.59	13
14	40.3	19.6	13.1	47.7	73.0	45.9	42.1	51.7	35.9	24.1	11.0	9.83	14
15	35.9	20.4	30.4	48.1	73.4	48.0	49.5	53.4	32.6	12.2	11.4	13.5	15
16	32.5	37.3	40.9	42.6	71.4	59.6	53.7	54.5	34.0	13.0	6.23	12.6	16
17	25.7	19.8	40.0	57.2	72.0	55.3	49.4	41.6	47.5	12.5	16.3	19.1	17
18	24.4	26.9	38.3	62.4	72.7	62.0	48.3	37.2	46.1	23.5	15.5	9.60	18
19	32.5	22.2	38.0	60.1	67.5	60.8	39.5	39.9	33.3	40.2	14.1	14.2	19
20	16.8	23.0	39.5	61.1	59.9	62.3	47.2	43.9	33.8	29.7	18.9	9.83	20
21	40.3	12.6	21.2	67.3	54.9	62.9	46.9	40.7	47.7	37.3	22.1	15.9	21
22	21.1	15.7	18.2	67.0	56.7	60.3	59.0	40.0	40.1	35.2	20.9	8.86	22
23	27.2	21.3	31.8	67.5	56.7	55.8	51.9	44.7	50.7	13.6	12.9	8.89	23
24	24.1	24.5	29.9	64.6	56.7	56.3	52.5	44.9	54.8	14.8	10.6	5.27	24
25	25.9	33.0	32.1	64.7	38.6	63.4	52.8	49.3	46.9	21.3	12.7	6.34	25
26	47.7	25.2	36.4	65.5	34.1	54.4	46.8	46.6	32.2	28.7	14.2	7.79	26
27	34.5	23.1	43.7	63.4	34.8	63.3	48.5	58.6	33.0	22.1	8.98	8.50	27
28	35.2	21.1	30.7	60.4	33.3	59.4	44.6	58.8	59.0	21.8	9.12	10.8	28
29	38.5		15.8	53.8	51.5	52.5	10.0	57.4	40.3	15.7	9.60	6.43	29
30	40.9		17.7	60.9	60.6	44.9	55.6	44.4	49.6	28.7	5.86	21.4	30
31	31.1		14.2		52.5		42.5	42.1		20.3		6.46	31
TOTAL	1 101.5	869.3	912 2	1 388.2	1 827.8	1 709.7	1 500.3	1 471.5	1 184.7	737.5	350.66	329.25	TOTAL
MEAN	35.5	31.0	29.4	46.3	59.0	57.0	48.4	47.5	39.5	23.8	11.7	10.6	MEAN
MAX	55.6	54.1	43.7	67.5	75.3	71.4	69.3	71.3	59.0	40.2	22.1	22.0	MAX
MIN	12.8	12.6	13.1	14.2	33.3	44.9	10.0	37.2	21.4	12.2	3.85	3.60	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 36.7
MAXIMUM DAILY, 75.3 ON MAY 9
MINIMUM DAILY, 3.60 ON DEC 7

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 12 50 N
LONG 84 37 10 W
DRAINAGE AREA, 2 880 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	95 200	JUL	130 000
FEB	75 100	AUG	127 000
MAR	78 800	SEP	102 000
APR	120 000	OCT	63 700
MAY	158 000	NOV	30 300
JUN	148 000	DEC	28 400

DATA CONTRIBUTED BY -
GREAT LAKES POWER COMPANY LIMITED

REGULATED SINCE 1935

TOTAL DISCHARGE, 1 160 000 dam³

REMARKS - STA. NO. 02BE001 PRIOR TO OCT 1935. RELOCATED IN 1935,60,65. PRIOR TO 1980 PUB. AS "MONTREAL RIVER AT RAILWAY BRIDGE"

MOON RIVER AT HIGHWAY NO. 69 - STATION NO. 02EB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.68	5.00B	137	69.5	24.3	13.3	5.79	0.771	1.88	5.86	4.65	6.05	1
2	5.64	5.00B	140	69.4	24.7	13.1	5.68	0.757	2.66	5.37	4.61	5.98	2
3	5.60	5.00B	140	74.0	24.5	11.7	5.64	0.765	5.59	5.15	4.54	6.45	3
4	5.60B	5.00B	140	79.7	24.9	9.84	5.61	0.812	34.2	5.28	4.49	6.66	4
5	5.50B	5.00B	138	72.8	24.7	5.38	5.61	0.919	94.9	5.42	4.31	6.40	5
6	5.00B	5.00B	134	74.1	25.1	5.10	5.61	0.891	127	8.04	4.47	6.07	6
7	5.45B	5.00B	130	76.2	24.8	5.11	5.49	0.869	159	23.6	4.45	5.80	7
8	5.40B	5.00B	126	75.8	24.7	5.03	5.46	1.04	173	42.8	4.53	5.67	8
9	5.40B	5.01B	122	69.6	25.0	4.90	5.42	1.11	188	50.7	4.57	5.41	9
10	5.40B	5.02B	122	40.7	24.6	4.94	5.30	1.02	186	50.7	4.58	5.20	10
11	5.39B	5.06B	124	28.9	25.7	4.95	5.35	0.993	181	49.2	4.65	5.09	11
12	5.38B	5.10B	119	28.2	25.1	4.96	5.32	0.957	179	47.3	4.62	4.91	12
13	5.37B	5.20B	113	28.3	21.4	5.02	5.37	0.948	176	45.0	4.52	4.87	13
14	5.36B	5.25B	107	32.3	21.0	5.14	5.34	0.936	172	41.8	4.51	4.83	14
15	5.30B	5.30B	101	33.2	17.0	5.11	5.31	1.06	168	39.1	4.47	4.72	15
16	5.28B	5.40B	93.6	26.2	15.2	5.25	5.28	1.04	163	26.6	4.60	4.70	16
17	5.25B	5.65	88.7	22.7	15.8	5.22	5.29	0.997	166	7.01	5.74	4.65	17
18	5.22B	5.90	82.0	22.3	15.1	5.25	5.27	0.964	169	6.35	6.55	4.54	18
19	5.21B	6.31	72.1	23.0	14.1	5.23	5.33	0.954	158	6.90	6.36	4.45	19
20	5.20B	7.00	71.6	24.4	14.4	5.20	5.36	0.925	147	6.74	6.43	4.34	20
21	5.18B	8.28	68.7	24.5	12.3	5.16	5.36	0.913	137	6.24	6.85	4.20	21
22	5.15B	9.40	71.3	24.0	11.3	5.57	5.34	0.908	106	5.86	6.54	4.16	22
23	5.10B	23.3	84.1	24.4	10.9	6.16	5.32	0.909	45.8	5.79	6.13	4.30	23
24	5.07B	75.2	105	24.8	11.0	5.99	5.30	0.926	26.0	5.85	5.90	4.26	24
25	5.05B	115	105	24.1	10.2	5.75	5.31	0.922	6.37	5.76	5.65	4.28	25
26	5.03B	124	119	24.5	12.5	5.60	5.37	0.924	5.64	5.80	5.53	4.22	26
27	5.02B	129	188	25.0	13.3	5.72	5.37	0.915	6.02	5.84	6.11	4.19	27
28	5.01B	134	193	26.8	14.1	5.98	5.47	0.914	5.90	5.44	6.71	4.29	28
29	5.00B		189	27.6	13.8	5.76	5.01	1.10	5.88	4.94	6.55	4.25	29
30	5.00B		162	27.6	12.2	5.89	1.81	1.39	5.80	4.74	6.26	4.20	30
31	5.00B		99.8		12.4		0.896	1.33		4.78		4.19	31
TOTAL	163.24	724.38	3 685.9	1 224.6	566.1	187.31	159.386	29.879	3 001.64	539.96	159.88	153.33	TOTAL
MEAN	5.27	25.9	119	40.8	18.3	6.24	5.14	0.964	100	17.4	5.33	4.95	MEAN
MAX	5.68	134	193	79.7	25.7	13.3	5.79	1.39	188	50.7	6.85	6.66	MAX
MIN	5.00	5.00	68.7	22.3	10.2	4.90	0.896	0.757	1.88	4.74	4.31	4.16	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 29.0
MAXIMUM DAILY, 193 ON MAR 28
MINIMUM DAILY, 0.757 ON AUG 2
MAXIMUM INSTANTANEOUS,
193 AT 16:48 EST ON MAR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 03 48 N
LONG 79 47 12 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 100	JUL	13 800
FEB	62 600	AUG	2 580
MAR	318 000	SEP	259 000
APR	106 000	OCT	46 700
MAY	48 900	NOV	13 800
JUN	16 200	DEC	13 200

TOTAL DISCHARGE, 915 000 dam³

MOOSE CREEK AT LEVACK - STATION NO. 02CF013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.91 A	0.696A	0.152A	0.462A	0 E	0.060A	0.224A	0.390	0.225B	1
2	---	---	---	2.40 A	0.540A	0.270A	0.420A	0 E	0.044A	0.314A	0.384	0.235B	2
3	---	---	---	2.52 A	0.507A	0.474A	0.420A	0.032E	0.027A	0.260A	0.371	0.250B	3
4	---	---	---	5.97 A	0.540A	0.540A	0.395A	0.060A	0.026A	0.254A	0.348	0.280B	4
5	---	---	---	5.49 A	0.540A	0.540A	0.645A	0.170A	0.030A	0.230A	0.303	0.430B	5
6	---	---	---	4.07 A	0.507A	0.528A	0.534A	0.170A	0.025A	0.330A	0.276	0.420B	6
7	---	---	---	4.07 A	0.395A	0.474A	0.420A	0.170A	0.020A	0.394A	0.316	0.280B	7
8	---	---	---	4.03 A	0.395A	0.510A	0.420A	0.182A	0.060A	0.430A	0.321	0.260B	8
9	---	---	---	3.86 A	0.395A	0.638A	0.340A	0.179A	0.134A	0.370A	0.327	0.250B	9
10	---	---	---	3.58 A	0.395A	0.712A	0.296A	0.170A	0.690A	0.370A	0.323	0.240B	10
11	---	---	---	2.86 A	0.360A	0.700E	0.170A	0.140A	0.500A	0.330A	0.322	0.235B	11
12	---	---	---	2.39 A	0.395A	0.673A	0.060A	0.120A	0.790A	0.330A	0.320B	0.235B	12
13	---	---	---	2.23 A	0.395A	0.638A	0 E	0.170A	0.590A	0.330A	0.321	0.250B	13
14	---	---	---	2.85 A	0.395A	0.586A	0 E	0.170A	0.590A	0.330A	0.320	0.270B	14
15	---	---	---	2.23 A	0.395A	0.631A	0 E	0.140A	0.545A	0.322A	0.311	0.250B	15
16	---	---	---	1.91 A	0.395A	0.624A	0 E	0.130E	0.484A	0.394A	0.310	0.230B	16
17	---	---	---	1.83 A	0.395A	0.645A	0 E	0.120A	0.370A	0.333	0.286	0.225B	17
18	---	---	0.362B	1.63 A	0.320A	0.510A	0 E	0.100A	0.330A	0.641	0.294	0.215B	18
19	---	---	0.340B	1.50 A	0.275A	0.480A	0 E	0.060A	0.322A	0.761	0.296	0.210B	19
20	---	---	0.325B	1.43 A	0.270A	0.450A	0 E	0.060A	0.314A	0.722	0.279	0.205B	20
21	---	---	0.310B	1.36 A	0.242A	0.395A	0 E	0.060A	0.290A	0.729	0.225B	0.205B	21
22	---	---	0.320B	1.25 A	0.230E	0.540A	0 E	0.063E	0.260A	0.677	0.215B	0.210B	22
23	---	---	0.330B	1.06 A	0.215E	0.480A	0 E	0.067E	0.230A	0.670	0.205B	0.200B	23
24	---	---	0.340B	1.19 A	0.210E	0.474A	0 E	0.060A	0.200A	0.651	0.200B	0.130B	24
25	---	---	0.350B	1.20 A	0.230E	0.645A	0 E	0.069E	0.175A	0.615	0.200B	0.064B	25
26	---	---	0.365B	1.13 A	0.230A	0.540A	0 E	0.058A	0.200A	0.617	0.200B	0.052B	26
27	---	---	0.385B	0.890A	0.215A	0.480A	0 E	0.050A	0.200A	0.562	0.220B	0.043B	27
28	---	---	0.430B	0.845A	0.200A	0.432A	0 E	0.050A	0.200A	0.528	0.250B	0.035B	28
29	---		0.561A	0.805A	0.200E	0.510A	0 E	0.030A	0.175A	0.479	0.255B	0.029B	29
30	---		1.25 A	0.720A	0.200A	0.510A	0 E	0.060A	0.150A	0.457	0.225B	0.025B	30
31	---		1.38 A		0.184A		0 E	0.060A		0.432		0.025B	31
TOTAL	---	---	---	69.210	10.861	15.781	4.582	2.970	7.991	14.086	8.613	6.213	TOTAL
MEAN	---	---	---	2.31	0.350	0.526	0.148	0.096	0.266	0.454	0.287	0.200	MEAN
MAX	---	---	---	5.97	0.696	0.712	0.645	0.182	0.790	0.761	0.390	0.430	MAX
MIN	---	---	---	0.720	0.184	0.152	0	0	0.020	0.224	0.200	0.025	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 5.97A ON APR 6
MINIMUM DAILY, 0E ON JUL 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 38 08 N
LONG 81 23 25 W
DRAINAGE AREA, 40.6 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	396
FEB	---	AUG	257
MAR	---	SEP	690
APR	5 980	OCT	1 220
MAY	938	NOV	744
JUN	1 360	DEC	537

REMARKS - MANUAL GAUGE UNTIL OCT 16 1981

MOOSE RIVER AT MOOSE RIVER - STATION NO. 04LG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	130 B	140B	262B	320B	2 670	1 220	636	150 E	100 E	134 E	340E	240 B	1
2	110 B	137B	260B	347B	2 620	1 170	671	150 E	112 E	129 E	315E	250 B	2
3	81.0B	146B	260B	730B	2 500	1 090	673	170 E	175 E	139 E	305E	230 B	3
4	142 B	135B	270B	8003	2 520	1 000	667	150 E	215 E	92.0E	320E	247 B	4
5	150 B	131B	230B	850B	2 910	1 000	635	170 E	260 E	125 E	320E	232 B	5
6	148 B	132B	272B	910B	4 050	997	538	153 E	250 E	110 E	335E	237 B	6
7	195 B	135B	250B	950B	4 800	978	544	129 E	255 E	119 E	390E	230 B	7
8	147 B	119B	248B	970B	4 800	950	538	129 E	100 E	116 E	498	230 B	8
9	155 B	153B	260B	1 000B	4 490	1 010	491	143 E	34.0E	130 E	420B	248 B	9
10	145 B	145B	255B	1 070B	4 170	1 080	524	140 E	74.0E	212 E	462	210 B	10
11	131 B	142B	250B	1 250B	3 780	1 140	476	133 E	115 E	303	521	192 B	11
12	159 B	152B	245B	1 700B	3 370	1 170	280E	129 E	205 E	282 E	395B	212 B	12
13	143 B	144B	255B	1 840B	3 010	1 120	280E	130 E	197 E	281 E	395B	188 B	13
14	205 B	165B	250B	1 940B	2 860	1 080	310E	128 E	185 E	305 E	370B	197 B	14
15	138 B	150B	295B	2 020B	2 900	1 030	314E	150 E	172 E	302 E	385B	208 B	15
16	136 B	136B	300B	2 130B	2 750	1 090	340E	120 E	180 E	295 E	310B	210 B	16
17	137 B	142B	280B	2 230B	2 630	1 090	330E	140 E	172 E	309 E	355B	235 B	17
18	144 B	175B	295B	2 340B	2 390	1 140	293E	132 E	173 E	300 E	352B	220 B	18
19	138 B	150B	260B	2 460B	2 140	1 130	299E	122 E	200 E	290 E	350B	220 B	19
20	141 B	164B	275B	2 490B	1 960	1 040	305E	118 E	170 E	468	333B	182 B	20
21	144 B	162B	300B	2 390B	1 770	1 020	270E	102 E	180 E	380 E	320B	185 B	21
22	149 B	161B	290B	2 300B	1 670	952	263E	106 E	175 E	395 E	290B	166 B	22
23	145 B	180B	285B	2 260	1 550	893	250E	93.0E	185 E	420 E	285B	205 B	23
24	140 B	230B	295B	2 080	1 420	854	226E	120 E	155 E	380 E	282B	160 B	24
25	143 B	233B	280B	2 100	1 370	786	219E	112 E	158 E	390 E	272B	148 B	25
26	137 B	231B	265B	2 090	1 310	750	220E	94.0E	162 E	350 E	255B	63.0B	26
27	145 B	218B	295B	2 120	1 300	607	207E	110 E	161 E	370 E	250B	108 B	27
28	134 B	272B	240B	2 230	1 330	529	185E	116 E	168 E	375 E	258B	178 B	28
29	137 B		280B	2 420	1 350	511	176E	94.0E	140 E	365 E	242B	210 B	29
30	143 B		295B	2 580	1 370	564	175E	96.0E	160 E	330 E	245B	224 B	30
31	142 B		308B		1 290		177E	127 E		340 E		223 B	31
TOTAL	4 434.0	4 580	8 405	50 917	79 050	28 991	11 512	3 956.0	4 988.0	8 536.0	10 170	6 288.0	TOTAL
MEAN	143	164	271	1 700	2 550	966	371	128	166	275	339	203	MEAN
MAX	205	272	308	2 580	4 800	1 220	673	170	260	468	521	250	MAX
MIN	81.0	119	230	320	1 290	511	175	93.0	34.0	92.0	242	63.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 608
MAXIMUM DAILY, 4 800 ON MAY 7
MINIMUM DAILY, 34.0E ON SEP 9
MAXIMUM INSTANTANEOUS,
4 870 AT 14:43 EST ON MAY 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 48 50 N
LONG 81 17 40 W
DRAINAGE AREA, 61 100 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	383 000	JUL	995 000
FEB	396 000	AUG	342 000
MAR	726 000	SEP	431 000
APR	4 400 000	OCT	738 000
MAY	6 830 000	NOV	879 000
JUN	2 500 000	DEC	543 000

TOTAL DISCHARGE, 19 200 000 dam³

MUSKOKA RIVER AT HIGHWAY NO. 69 - STATION NO. 02EB012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	85.6	47.9	95.8	96.1	13.6	29.0	42.4	7.85	76.2	68.7	91.0	80.9	1
2	88.0	56.9	96.0	95.7	18.4	20.2	42.4	8.82	90.3	71.3	88.1	91.9	2
3	84.6	54.4	95.4	95.4	17.8	22.5	42.6	4.98	106	88.5	88.3	91.6	3
4	83.0	69.6	94.0	95.9	18.1	31.3	41.6	5.37E	112	88.4	89.9	96.0	4
5	82.2	69.1	94.1	109	9.29	36.1	44.2	5.61	109	90.9	86.4	93.4	5
6	81.1	67.6	93.9	109	10.4	34.2	37.2	8.18	118	97.4	79.0	90.6	6
7	79.3	70.3	94.2	109	11.8	35.9	26.7	6.50	118	97.2	82.9	86.1	7
8	76.9	71.1	93.8	110	15.5	41.7	18.8	5.71	113	94.3	82.2	86.1	8
9	79.3	72.1	93.7	102	15.4	44.6	14.8	5.72	110	93.1	57.8	86.4	9
10	84.0	80.0	93.7	96.1	13.6	46.0	17.1	4.96E	110	93.3	45.0	82.1	10
11	80.5	80.8	94.1	106	16.4	45.8	14.6	7.16	112	93.0	40.9	80.6	11
12	76.3	85.0	93.9	109	31.3	46.3	14.7	6.00	115	92.8	42.2	78.4	12
13	74.0	84.0	93.7	109	49.9	48.9	11.5	5.22E	115	92.6	32.8	76.9	13
14	76.8	79.9	93.9	114	71.4	49.6	11.7	6.32E	114	92.4	29.2	50.8	14
15	82.9	84.1	93.5	118	93.2	49.5	9.15	5.96E	113	91.7	18.9	43.7	15
16	87.1	86.7	92.5	99.6	97.5	49.6	5.43E	5.25E	113	89.2	33.4	51.0	16
17	80.5	91.0	93.3	93.2	96.1	47.4	6.09E	5.59E	108	78.0	19.9	39.7	17
18	70.2	90.4	92.3	93.0	94.9	46.4	2.91E	5.35	95.7	82.9	36.6	38.3	18
19	72.7	92.5	93.9	91.4	88.6	46.4	4.46	5.36E	93.4	79.4	34.0	39.6	19
20	73.7	95.2	94.6	82.2	91.5	46.6	5.25	5.28E	93.1	78.7	45.5	46.6	20
21	72.0	97.1	94.5	84.0	94.3	46.6	6.42	5.61E	93.3	91.2	48.3	49.8	21
22	70.3	101	94.2	80.1	94.3	43.6	5.65	7.24	93.3	91.4	48.8	50.0	22
23	64.4	110	94.3	69.0	91.9	42.8	5.08E	7.13	94.0	92.2	48.7	50.5	23
24	44.5	111	102	73.5	89.6	48.0	4.89E	4.10E	94.0	94.0	48.7	51.2	24
25	49.8	99.5	105	74.6	90.8	49.0	4.86E	5.49	75.7	96.1	52.2	42.2	25
26	51.7	95.7	105	69.4	92.0	41.7	5.47	13.3	58.1	94.3	56.2	44.9	26
27	55.1	96.1	111	58.9	95.0	41.0	5.54E	15.3	60.0	94.2	74.8	49.6	27
28	49.3	96.1	106	53.4	91.7	52.3	5.34	15.6	56.5	94.3	69.1	50.6	28
29	45.1		105	36.1	88.8	44.0	4.70E	14.9	55.1	93.1	79.4	56.4	29
30	43.0		106	11.7	43.7	41.3	5.96	17.1	55.8	93.0	70.9	51.4	30
31	49.4		99.9		55.0		6.06E	34.3		93.2		54.3	31
TOTAL	2 193.3	2 335.1	3 003.2	2 644.3	1 781.79	1 268.3	473.56	261.26	2 870.5	2 780.8	1 721.1	1 981.6	TOTAL
MEAN	70.8	83.4	96.9	88.1	57.5	42.3	15.3	8.43	95.7	89.7	57.4	63.9	MEAN
MAX	88.0	111	111	118	97.5	52.3	44.2	34.3	118	97.4	91.0	96.0	MAX
MIN	43.0	47.9	92.3	11.7	9.29	20.2	2.91	4.10	55.1	68.7	18.9	38.3	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 63.9
MAXIMUM DAILY, 118 ON APR 15
MINIMUM DAILY, 2.91E ON JUL 18
MAXIMUM INSTANTANEOUS,
120 AT 20:27 EST ON SEP 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 01 30 N
LONG 79 46 30 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	190 000	JUL	40 900
FEB	202 000	AUG	22 600
MAR	259 000	SEP	248 000
APR	228 000	OCT	240 000
MAY	154 000	NOV	149 000
JUN	110 000	DEC	171 000

TOTAL DISCHARGE, 2 010 000 dam³

MUSKOKA RIVER BELOW BALA - STATION NO. 02EB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	91.3	52.9	233	166	37.9	42.3	48.2	8.62	78.1	74.6	95.7	87.0	1
2	93.6	61.9	236	165	43.1	33.3	48.1	9.58	93.0	76.7	92.7	97.9	2
3	90.2	59.0	235	169	42.3	34.2	48.2	5.75	112	93.7	92.8	98.1	3
4	88.6	74.6	234	176	43.0	41.1	47.2	6.18	146	93.7	94.4	103	4
5	87.7	74.1	232	182	34.0	41.5	49.8	6.53	204	96.3	90.7	99.8	5
6	86.0	72.6	228	183	35.5	39.3	42.8	9.07	245	105	83.5	96.7	6
7	84.8	75.3	224	185	36.6	41.0	32.2	7.37	277	121	87.4	91.9	7
8	82.3	76.1	220	186	40.2	46.7	24.3	6.75	2e6	137	86.7	91.8	8
9	84.7	77.1	216	172	40.4	49.5	20.2	6.83	298	144	62.4	91.8	9
10	89.4	85.0	216	137	38.2	50.9	22.4	5.98	296	144	49.6	87.3	10
11	85.9	85.9	218	135	42.1	50.8	20.0	8.15	293	142	45.6	85.7	11
12	81.7	90.1	213	137	56.4	51.3	20.0	6.96	294	140	46.8	83.3	12
13	79.4	89.2	207	137	71.3	53.9	16.9	6.17	291	138	37.3	81.8	13
14	82.2	85.2	201	146	92.4	54.7	17.0	7.26	286	134	33.7	55.6	14
15	88.2	89.4	195	151	110	54.6	14.5	7.02	281	131	23.4	48.4	15
16	92.4	92.1	186	126	113	54.9	10.7	6.29	276	116	38.0	55.7	16
17	85.8	96.7	182	116	112	52.6	11.4	6.59	274	85.0	25.6	44.4	17
18	75.4	96.3	174	115	110	51.7	8.18	6.31	265	89.3	43.2	42.8	18
19	77.9	98.8	166	114	103	51.6	9.79	6.31	251	86.3	40.4	44.1	19
20	78.9	102	166	107	106	51.8	10.6	6.21	240	85.4	51.9	50.9	20
21	77.2	105	163	109	107	51.8	11.8	6.52	230	97.4	55.2	54.0	21
22	75.5	110	166	104	106	49.2	11.0	8.15	199	97.3	55.3	54.2	22
23	69.5	123	178	93.4	103	49.0	10.4	8.04	140	98.0	54.8	54.8	23
24	49.6	186	207	98.3	101	54.0	10.2	5.03	120	99.9	54.6	55.5	24
25	54.9	215	210	98.7	101	54.8	10.2	6.41	82.1	102	57.9	46.5	25
26	56.7	220	224	93.9	105	47.3	10.8	14.2	63.7	100	61.7	49.1	26
27	60.1	225	299	83.9	108	46.7	10.9	16.2	66.0	100	80.9	53.8	27
28	54.3	230	299	80.2	106	58.3	10.8	16.5	62.4	99.7	75.8	54.9	28
29	50.1		294	63.7	82.6	49.8	9.71	16.0	61.0	98.0	86.0	60.7	29
30	48.0		268	39.3	55.9	47.2	7.77	18.5	61.6	97.7	77.2	55.6	30
31	54.4		200		67.4		6.96	35.6		98.0		58.5	31
TOTAL	2 356.7	3 058.3	6 690	3 869.4	2 350.3	1 455.8	633.01	291.08	5 871.9	3 321.0	1 881.2	2 135.6	TOTAL
MEAN	76.0	109	216	129	75.8	48.5	20.4	9.39	196	107	62.7	68.9	MEAN
MAX	93.6	230	299	186	113	58.3	49.8	35.6	298	144	95.7	103	MAX
MIN	48.0	52.9	163	39.3	34.0	33.3	6.96	5.03	61.0	74.6	23.4	42.8	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 92.9
MAXIMUM DAILY, 299 ON MAR 27
MINIMUM DAILY, 5.03 ON AUG 24

TYPE OF GAUGE -
LOCATION - LAT N
LONG W
DRAINAGE AREA, 4 770 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	204 000	JUL	54 700
FEB	264 000	AUG	25 100
MAR	578 000	SEP	507 000
APR	334 000	OCT	287 000
MAY	203 000	NOV	163 000
JUN	126 000	DEC	185 000

TOTAL DISCHARGE, 2 930 000 dam³

REMARKS - DAILY DISCHARGES OBTAINED BY SUMMATION OF FLOWS AT 02EB011 AND 02EB012

MUSWABIK RIVER AT OUTLET OF MUSWABIK LAKE - STATION NO. 04GF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.18B	1.16B	2.50B	2.51B	10.0B	40.0	14.1	4.61	5.62	4.46	5.22	2.75B	1
2	2.12B	1.15B	2.63B	2.53B	17.0B	39.5	13.3	3.96	3.48	4.57	6.16	2.69B	2
3	2.05B	1.14B	2.78B	2.56B	24.0B	38.8	14.3	3.57	3.14	3.7[illegible]	5.64	2.62B	3
4	2.00B	1.12B	2.85B	2.58B	39.0	36.7	15.3	3.48	3.47	3.83	4.99	2.55B	4
5	1.97B	1.10B	2.90B	2.61B	48.0	35.1	15.4	3.10	2.71	4.34	6.94	2.50B	5
6	1.92B	1.09B	2.94B	2.63B	58.6	36.0	16.2	3.55	2.51	5.88	6.56	2.45B	6
7	1.87B	1.08B	2.99B	2.67B	70.8	31.6	15.1	4.24	3.18	[illegible].53	4.86	2.38B	7
8	1.83B	1.07B	2.99B	2.70B	82.4	31.3	15.2	4.07	4.96	4.40	7.52	2.33B	8
9	1.79B	1.05B	2.98B	2.74B	86.5	29.9	15.4	4.41	2.70	4.10	5.04	2.28B	9
10	1.77B	1.04B	2.97B	2.78B	87.5	28.7	14.5	4.28	3.15	3.80	5.00B	2.23B	10
11	1.72B	1.03B	2.94B	2.83B	88.1	27.0	13.1	3.76	3.09	4.06	4.85B	2.18B	11
12	1.68B	1.02B	2.93B	2.91B	88.0	26.8	13.2	5.42	3.75	3.96	4.70B	2.13B	12
13	1.63B	1.01B	2.92B	2.99B	89.7	25.1	14.9	3.59	3.78	3.31	4.60B	2.10B	13
14	1.60B	1.01B	2.91B	3.07B	89.0	24.2	11.9	4.24	4.11	4.42	4.50B	2.07B	14
15	1.57B	1.00B	2.90B	3.15B	89.1	22.6	10.7	5.[illegible]	4.55	4.90	4.35B	2.02B	15
16	1.54B	1.01B	2.87B	3.25B	86.2	23.8	9.73	4.13	4.44	3.41	4.20B	1.98B	16
17	1.51B	1.02B	2.83B	3.35B	83.6	20.3	9.01	3.70	3.64	3.83	4.05B	1.93B	17
18	1.48B	1.03B	2.80B	3.50B	80.6	20.3	8.42	3.71	4.33	13.3	3.95B	1.88B	18
19	1.44B	1.05B	2.78B	3.65B	77.0	24.0	8.42	3.51	6.28	4.01	3.85B	1.82B	19
20	1.42B	1.09B	2.75B	3.80B	73.4	20.5	8.18	3.64	5.60	5.30	3.75B	1.78B	20
21	1.38B	1.18B	2.71B	3.95B	69.8	21.1	7.51	3.37	4.23	3.20	3.60B	1.74B	21
22	1.37B	1.45B	2.69B	4.05B	67.1	20.0	6.41	3.03	3.86	[illegible].26	3.55B	1.70B	22
23	1.33B	1.62B	2.67B	4.30B	64.0	19.7	5.96	4.38	3.35	4.51	3.45B	1.66B	23
24	1.30B	1.74B	2.65B	4.50B	59.7	16.7	4.38	3.63	3.97	4.[illegible]	3.35B	1.63B	24
25	1.28B	1.88B	2.63B	4.70B	56.8	16.9	6.50	3.33	3.85	4.63	3.25B	1.60B	25
26	1.26B	2.02B	2.61B	4.90B	52.7	15.6	6.10	3.54	3.01	4.80	3.15B	1.57B	26
27	1.24B	2.18B	2.60B	5.20B	48.8	13.6	4.89	3.46	5.40	4.86	3.05B	1.54B	27
28	1.21B	2.35B	2.57B	5.70B	46.4	13.6	4.51	2.90	7.63	4.87	3.00B	1.50B	28
29	1.19B		2.55B	6.40B	46.4	15.4	4.27	2.71	5.35	4.92	2.90B	1.47B	29
30	1.18B		2.53B	7.50B	43.1	14.4	3.75	2.91	3.89	4.95	2.82B	[illegible].45B	30
31	1.17B		2.52B		41.1		3.17	2.63		5.13		1.[illegible]B	31
TOTAL	49.00	35.69	85.89	110.01	1 964.4	749.2	313.81	116.52	123.03	146.47	132.85	61.94	TOTAL
MEAN	1.58	1.27	2.77	3.67	63.4	25.0	10.1	3.76	4.10	4.72	4.43	2.00	MEAN
MAX	2.18	2.35	2.99	7.50	89.7	40.0	16.2	5.66	7.63	13.3	7.52	2.75	MAX
MIN	1.17	1.00	2.50	2.51	10.0	13.6	3.17	2.63	2.51	3.31	2.82	1.41	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.7
MAXIMUM DAILY, 89.7 ON MAY 13
MINIMUM DAILY, 1.00B ON FEB 15
MAXIMUM INSTANTANEOUS,
91.5 AT 03:25 EST ON MAY 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 31 32 N
LONG 85 04 13 W
DRAINAGE AREA, 1 890 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 230	JUL	27 100
FEB	3 080	AUG	10 100
MAR	7 420	SEP	10 600
APR	9 500	OCT	12 700
MAY	170 000	NOV	11 500
JUN	64 700	DEC	5 350

TOTAL DISCHARGE, 336 000 dam³

REMARKS - FORMERLY PUBLISHED AS "MUSWABIK RIVER AT OUTLET OF LORENZ LAKE"

NAGAGAMI RIVER AT HIGHWAY NO. 11 - STATION NO. 04JC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.45B	6.80B	13.2 B	8.99B	57.1	48.3	30.6	14.6	2.75E	2.09E	4.08	4.01B	1
2	7.40B	6.75B	12.8 B	9.40B	57.8	46.4	29.6	14.3	2.67E	2.02E	4.43	4.02B	2
3	7.35B	6.75B	12.6 B	10.0 B	63.1	44.7	28.7	13.7	2.60E	1.98E	4.52	4.02B	3
4	7.30B	6.70B	12.2 B	10.5 B	76.3	43.4	27.9	13.0 E	2.54E	1.96E	4.38	4.03B	4
5	7.25B	6.65B	11.9 B	10.9 B	81.8	42.1	27.1	12.3 E	2.49E	1.93E	4.42	4.05B	5
6	7.25B	6.60B	11.7 B	11.5 B	78.5	41.0	26.0	12.0 E	2.42E	2.03A	4.48	4.05B	6
7	7.23B	6.60B	11.3 B	13.0 B	78.5	39.2	25.1	11.6 E	2.33E	2.43	4.31	4.05B	7
8	7.22B	6.60B	11.0 B	16.0 B	80.4	40.6	24.4	11.2 E	2.35E	2.56	4.01	4.05B	8
9	7.20B	6.60B	10.7 B	20.0 B	79.7	42.3	23.3	10.8 E	2.38E	2.40	3.83	4.05B	9
10	7.18B	6.55B	10.5 B	21.2 B	77.4	41.5	22.0	11.0 E	2.40E	2.27	3.80B	4.05B	10
11	7.15B	6.55B	10.2 B	22.2 B	78.3	39.8	21.0	11.1	2.44E	2.28	3.80B	4.05B	11
12	7.12B	6.50B	10.0 B	23.7 B	78.1	38.2	20.3	11.0	2.48E	2.21	3.80B	4.06B	12
13	7.10B	6.45B	9.70B	25.0 B	77.3	36.9	19.9	10.5	2.49E	2.29	3.80B	4.07B	13
14	7.05B	6.43B	9.50B	28.0 B	76.4	36.7	19.1	10.1	2.50E	2.47	3.80B	4.08B	14
15	7.02B	6.40B	9.30B	30.5 B	75.3	38.2	18.2	9.86	2.52E	2.79	3.80B	4.08B	15
16	7.01B	6.40B	9.00B	32.5 B	73.4	39.9	17.5	9.81A	2.52E	3.09	3.82B	4.06B	16
17	7.01B	6.45B	8.80B	34.0 B	70.3	39.6	17.0A	9.30E	2.52E	2.89	3.84B	4.03B	17
18	7.00B	6.70B	8.60B	35.5 B	67.7	38.6	16.1E	8.80E	2.51E	3.48	3.86B	4.01B	18
19	7.00B	7.40B	8.40B	37.0 B	65.2	38.6	15.6E	8.20E	2.50E	4.20	3.87B	4.01B	19
20	7.00B	8.70B	8.30B	38.0 B	63.3	36.8	15.0E	7.40E	2.48E	3.98	3.88B	4.00B	20
21	7.00B	10.2 B	8.10B	39.0 B	62.0	36.3	14.6	6.80E	2.44E	3.67	3.90B	3.97B	21
22	6.95B	11.2 B	8.00B	40.0 B	59.7	35.9	14.7	6.30E	2.35E	3.60	3.93B	3.92B	22
23	6.90B	12.0 B	7.80B	40.5 B	57.2	34.8	14.7	5.80E	2.24E	3.51	3.94B	3.88B	23
24	6.90B	12.5 B	7.80B	41.0	54.7	33.9	14.6	5.40E	2.21E	3.42	3.94B	3.85B	24
25	6.85B	12.9 B	7.80B	40.8	53.9	32.8	14.7	5.00E	2.20E	3.49	3.96B	3.80B	25
26	6.80B	13.3 B	7.75B	42.8	54.8	31.6	14.8	4.70E	2.21E	3.61	3.98B	3.78B	26
27	6.80B	13.4 B	7.75B	46.3	53.4	30.8	14.8	4.20E	2.22E	3.55	3.99B	3.73B	27
28	6.80B	13.3 B	7.80B	50.4	51.1	30.3	14.7	3.60E	2.23E	3.51	4.00B	3.70B	28
29	6.80B		7.90B	53.9	49.3	31.0	14.8	3.20E	2.26E	3.48	4.00B	3.63B	29
30	6.80B		8.10B	55.2	50.3	31.2	14.9	3.00E	2.27E	3.45	4.00B	3.60B	30
31	6.80B		8.40B		49.9		14.9	2.85E		3.64		3.54B	31
TOTAL	218.69	233.38	296.90	887.79	2 052.2	1 141.4	606.6	271.42	72.52	90.28	120.17	122.23	TOTAL
MEAN	7.05	8.34	9.58	29.6	66.2	38.0	19.6	8.76	2.42	2.91	4.01	3.94	MEAN
MAX	7.45	13.4	13.2	55.2	81.8	48.3	30.6	14.6	2.75	4.20	4.52	4.08	MAX
MIN	6.80	6.40	7.75	8.99	49.3	30.3	14.6	2.85	2.20	1.93	3.80	3.54	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.7
MAXIMUM DAILY, 81.8 ON MAY 5
MINIMUM DAILY, 1.93E ON OCT 5
MAXIMUM INSTANTANEOUS,
82.5 AT 07:37 EST ON MAY 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 44 N
LONG 84 31 48 W
DRAINAGE AREA, 2 410 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 900	JUL	52 400
FEB	20 200	AUG	23 500
MAR	25 700	SEP	6 270
APR	76 700	OCT	7 800
MAY	177 000	NOV	10 400
JUN	98 600	DEC	10 600

TOTAL DISCHARGE, 528 000 dam³

NAMAKAN LAKE ABOVE KETTLE FALLS DAM - STATION NO. 05PA001

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	339.605	339.229	338.859	338.634	339.944	340.575	340.858	340.792	340.726	340.497	340.457	340.062	1
2	339.595	339.217	338.843	338.652	340.018	340.619	340.856	340.790	340.722	340.494	340.455	340.052	2
3	339.589	339.205	338.826	338.677	340.103	340.649	340.861	340.793	340.715	340.484	340.452	340.041	3
4	339.574	339.192	338.817	338.702	340.166	340.672	340.856	340.793	340.705	340.492	340.435	340.029	4
5	339.557	339.178	338.802	338.732	340.185	340.681	340.849	340.791	340.700	340.495	340.416	340.014	5
6	339.550	339.168	338.788	338.758	340.209	340.662	340.837	340.799	340.697	340.501	340.393	339.996	6
7	339.539	339.157	338.774	338.792	340.241	340.648	340.841	340.800	340.712	340.496	340.383	339.984	7
8	339.527	339.145	338.763	338.818	340.267	340.648	340.855	340.801	340.703	340.488	340.361	339.968	8
9	339.516	339.134	338.751	338.844	340.296	340.631	340.858	340.800	340.695	340.488	340.339	339.953	9
10	339.504	339.122	338.737	338.872	340.327	340.635	340.855	340.796	340.687	340.490	340.325	339.938	10
11	339.490	339.109	338.725	338.892	340.357	340.648	340.856	340.797	340.680	340.486	340.305	339.924	11
12	339.480	339.096	338.712	338.910	340.383	340.648	340.857	340.790	340.671	340.481	340.294	339.916	12
13	339.470	339.081	338.699	338.945	340.405	340.648	340.855	340.786	340.658	340.484	340.280	339.905	13
14	339.457	339.067	338.688	338.978	340.427	340.658	340.849	340.780	340.650	340.480	340.264	339.890	14
15	339.446	339.058	338.674	339.008	340.443	340.672	340.841	340.764	340.629	340.474	340.249	339.877	15
16	339.433	339.049	338.663	339.035	340.447	340.672	340.838	340.755	340.615	340.472	340.239	339.866	16
17	339.420	339.034	338.651	339.076	340.464	340.696	340.839	340.750	340.607	340.470	340.225	339.852	17
18	339.406	339.024	338.640	339.097	340.462	340.713	340.834	340.753	340.598	340.464	340.205	339.839	18
19	339.392	339.005	338.629	339.127	340.492	340.716	340.829	340.756	340.584	340.464	340.191	339.827	19
20	339.380	338.986	338.620	339.158	340.514	340.730	340.817	340.753	340.568	340.460	340.174	339.815	20
21	339.367	338.969	338.609	339.191	340.538	340.742	340.804	340.753	340.553	340.461	340.163	339.807	21
22	339.354	338.959	338.597	339.236	340.552	340.771	340.791	340.753	340.542	340.461	340.150	339.794	22
23	339.340	338.945	338.587	339.308	340.567	340.777	340.786	340.754	340.526	340.464	340.139	339.785	23
24	339.327	338.930	338.577	339.381	340.580	340.800	340.800	340.751	340.522	340.461	340.127	339.772	24
25	339.315	338.915	338.569	339.456	340.590	340.816	340.803	340.745	340.509	340.463	340.113	339.763	25
26	339.302	338.897	338.568	339.544	340.574	340.827	340.800	340.745	340.513	340.456	340.111	339.748	26
27	339.291A	338.885	338.560	339.633	340.565	340.835	340.800	340.742	340.511	340.454	340.106	339.741	27
28	339.277	338.875	338.572	339.721	340.556	340.847	340.799	340.736	340.484	340.448	340.094	339.731	28
29	339.265		338.579	339.792	340.564	340.859	340.793	340.732	340.475	340.450	340.084	339.717	29
30	339.251		338.588	339.865	340.564	340.859	340.788	340.728	340.467	340.453	340.074	339.703	30
31	339.237		338.597		340.568		340.792	340.729		340.455		339.695	31
MEAN	339.428	339.058	338.679	339.094	340.400	340.712	340.829	340.768	340.614	340.474	340.253	339.871	MEAN
MAX	339.605	339.229	338.859	339.865	340.590	340.859	340.861	340.801	340.726	340.501	340.457	340.062	MAX
MIN	339.237	338.875	338.560	338.634	339.944	340.575	340.786	340.728	340.467	340.448	340.074	339.695	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 340.021
MAXIMUM DAILY, 340.861 ON JUL 3
MINIMUM DAILY, 338.560 ON MAR 27
MAXIMUM INSTANTANEOUS,
340.886 AT 05:15 CST ON JUN 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 30 00 N
LONG 92 38 20 W

A - MANUAL GAUGE

REGULATED SINCE 1914

WATER LEVELS ARE REFERRED TO UNITED STATES AND CANADA BOUNDARY SURVEY DATUM

NAMAKAN RIVER AT OUTLET OF LAC LA CROIX - STATION NO. 05PA008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	71.4A	56.5	50.6	53.2	274	277	235	122	67.1	39.0	43.8	57.6	1
2	70.9E	55.9	50.3	55.3	287	283	231	119	66.6	39.1	44.5	57.1	2
3	70.3E	55.7	50.4	57.0	301	287	228	118	64.2	39.5	45.2	57.5	3
4	69.8E	55.2	50.5	59.2	311	288	224	116	63.2	39.7	45.7	57.1	4
5	69.2E	55.3	50.2	61.9	322	286	221	114	61.7	39.4	45.5	57.2	5
6	68.7E	55.1	50.0	64.6	331	287	217	112	60.6	39.1	47.1	57.1	6
7	68.1E	54.6	50.0	67.4	340	287	213	111	59.2	38.8	47.9	56.3	7
8	67.6E	54.3	50.0	70.3	347	284	209	110	58.0	38.7	47.3	55.9	8
9	67.0E	53.6	49.8	73.4	354	284	204	109	57.0	39.2	48.4	56.1	9
10	66.5E	52.9	49.5	77.2	360	283	201	108	56.2	39.7	48.9	55.9	10
11	66.0E	52.6	49.7A	80.6	364	282	198	106	54.4	39.8	50.1	55.6	11
12	65.4E	52.4	48.6A	85.1	367	281	194	105	53.4	40.0	51.0	55.6	12
13	64.8E	52.2	48.5A	89.6	369	280	190	103	52.2	40.0	51.5	55.6	13
14	64.3E	51.9	48.7	94.1	368	280	188	100	50.6	39.9	52.5	54.9	14
15	63.7A	51.7	48.4	99.9	368	277	183	97.7	49.5	39.6	52.8	54.7	15
16	63.3E	51.5	48.2	105	365	274	179	95.3	48.3	39.4	52.9	54.5	16
17	62.8A	51.0	47.9	110	361	272	176	92.8	47.1	40.0	53.1	54.1	17
18	62.0	50.8	47.6	117	356	265	174	90.8	45.5	39.8	54.5	53.5	18
19	61.1	50.4	47.6	123	350	266	170	89.3	44.8	40.5	54.8	53.2	19
20	60.5	50.0	47.6	130	344	264	166	87.6	44.1	40.9	54.6	53.0	20
21	60.0	49.8	47.6	138	337	261	162	86.3	43.0	40.8	55.2	53.2	21
22	59.4	50.5	47.4	147	330	261	158	84.3	41.8	40.8	55.2	52.9	22
23	58.7	51.1	47.2	162	323	258	153	82.4	40.6	40.8	55.2	53.0	23
24	58.4	51.2	47.1	177	318	256	149	81.2	40.2	41.4	55.1	52.3	24
25	57.8	51.0	47.1	193	314	253	145	78.9	40.0	40.6	55.9	51.9	25
26	57.0	50.8	47.2	208	308	249	142	77.0	38.8	41.7	57.1	51.1	26
27	57.0	50.5	47.0	222	302	246	138	75.4	37.5	41.7	56.4	51.0	27
28	57.4	50.8	48.8	237	294	243	135	73.6	40.1	42.7	57.4	50.8	28
29	57.4		49.6	251	287	240	131	71.9	39.7	43.3	57.8	50.7	29
30	56.9		50.5	262	282	238	129	70.7	39.3	43.5	57.9	50.4	30
31	56.6		51.5		277		125	69.4		43.0		50.0	31
TOTAL	1 960.0	1 469.3	1 515.1	3 670.8	10 211	8 092	5 568	2 957.6	1 504.7	1 252.4	1 555.3	1 679.8	TOTAL
MEAN	63.2	52.5	48.9	122	329	270	180	95.4	50.2	40.4	51.8	54.2	MEAN
MAX	71.4	56.5	51.5	262	369	288	235	122	67.1	43.5	57.9	57.6	MAX
MIN	56.6	49.8	47.0	53.2	274	238	125	69.4	37.5	38.7	43.8	50.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 114
MAXIMUM DAILY, 369 ON MAY 13
MINIMUM DAILY, 37.5 ON SEP 27
MAXIMUM INSTANTANEOUS,
369 AT 18:00 CST ON MAY 13

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 23 00 N
LONG 92 10 40 W
DRAINAGE AREA, 13 400 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	169 000	JUL	481 000
FEB	127 000	AUG	256 000
MAR	131 000	SEP	130 000
APR	317 000	OCT	108 000
MAY	882 000	NOV	134 000
JUN	699 000	DEC	145 000

TOTAL DISCHARGE, 3 580 000 dam³

NANTICOKE CREEK AT NANTICOKE - STATION NO. 02GC022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.310B	0.220B	4.79	1.88	2.29	0.136	0.537	0.514	0.225	2.03	1.93	1.15	1
2	0.298B	0.800B	3.91	1.64	1.88	0.096	0.489	0.495A	0.357	1.78	1.75	1.84	2
3	0.283B	0.710B	3.17	1.46	1.52	0.135	0.479	0.460E	0.380	1.29	1.60	1.54	3
4	0.270B	0.620B	2.65 B	1.36	1.31	0.168	0.487	0.415A	0.994	1.14	1.37	1.35	4
5	0.260B	0.544B	2.25 B	1.25	1.16	0.143	0.510	0.360	1.10	1.07	1.25	1.21	5
6	0.252B	0.510B	1.95	1.14	1.14	0.135	0.631	0.374	1.06	0.922	1.16	1.15	6
7	0.240B	0.470B	1.63 B	1.00	1.03	0.091	1.11	0.349	1.10	0.837	1.14	1.12	7
8	0.235B	0.430B	1.52	0.835	0.964	0.084	0.814	0.300	1.35	0.858	1.12	1.11	8
9	0.228B	0.400B	1.48	0.773	0.865	0.072	0.831	0.320	1.27	0.842	1.06	1.03 B	9
10	0.223B	0.390B	1.51	0.726	0.815	0.067	0.722	0.550	0.857	0.745	0.914	0.950B	10
11	0.220B	4.50 B	1.50	0.805	1.11	0.084	0.607	0.523	0.705	0.680	0.835	0.900B	11
12	0.217B	4.00 B	1.44	0.869	1.28	0.083	0.532	0.463	0.645	0.607	0.791	0.860B	12
13	0.213B	3.60 B	1.45	0.972	1.25	0.098	0.481	0.429	0.601	0.566	0.763	0.840B	13
14	0.210B	3.20 B	1.46	2.57	1.14	0.193	0.420	0.414	0.564	0.546	0.733	0.830B	14
15	0.205B	2.75 B	1.25	2.26	1.16	0.277	0.371	0.472	0.464	0.537	0.706	0.820B	15
16	0.202B	2.60 B	1.24	1.85	1.46	0.327	0.314	0.420	0.459	0.500	0.724	0.736	16
17	0.198B	17.0 B	1.20 B	1.71	1.66	0.327	0.303	0.403	0.605	0.512	0.756	0.674	17
18	0.193B	12.8 B	1.13 B	3.58	1.56	0.316	0.303	0.360	0.744	0.638	0.746	0.655B	18
19	0.185B	10.5	1.08 B	3.20	1.42	0.300	0.268	0.318	0.713	0.647	0.750	0.650B	19
20	0.180B	12.2	1.02 B	2.46	1.39	0.279	0.260	0.311	0.642	0.782	1.76	0.645B	20
21	0.178B	12.7	0.975B	1.95	1.41	0.298	0.244	0.301	0.938	0.859	2.76	0.660B	21
22	0.177B	9.27	0.935B	1.84	1.45	2.82	0.288	0.281	3.52	1.17	2.27	0.680B	22
23	0.173B	10.1	0.914	3.24	1.18	2.73	0.200	0.267	2.05	2.16	1.78	2.64	23
24	0.170B	10.7	0.874	4.00	1.03	2.25	0.170	0.282	1.48	1.98	1.58	2.34	24
25	0.170B	7.23	0.867	3.59	0.884	1.95	0.159	0.260	1.21	1.69	1.45	1.66	25
26	0.220B	5.94	0.956	2.83	0.771	1.49	0.176	0.227	1.11	1.67	1.24	1.47	26
27	0.270B	4.84	1.28	2.35	0.769	1.24	0.190	0.203	0.949	4.16	1.25	1.20	27
28	0.250B	4.97	1.47	3.20	0.792	1.05	0.394	0.214	0.854	4.30	1.26	1.13	28
29	0.235B		1.40	4.16	0.437	0.763	0.681	0.216	0.781	3.05	1.17	1.11	29
30	0.225B		1.50	3.01	0.247	0.634	0.775	0.253	0.679	2.45	1.12	0.985	30
31	0.222B		1.82		0.184		0.676	0.313		2.14		0.945	31
TOTAL	6.912	143.994	50.621	62.510	35.558	18.636	14.422	11.067	28.486	43.158	37.738	34.880	TOTAL
MEAN	0.223	5.14	1.63	2.08	1.15	0.621	0.465	0.357	0.947	1.39	1.26	1.13	MEAN
MAX	0.310	17.0	4.79	4.16	2.29	2.82	1.11	0.550	3.52	4.30	2.76	2.64	MAX
MIN	0.170	0.220	0.867	0.726	0.184	0.067	0.159	0.203	0.225	0.500	0.706	0.645	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.34
MAXIMUM DAILY, 17.0B ON FEB 17
MINIMUM DAILY, 0.067 ON JUN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 48 34 N
LONG 80 04 36 W
DRAINAGE AREA, 181 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	597	JUL 1	250
FEB	12 400	AUG	956
MAR	4 370	SEP 2	450
APR	5 400	OCT 3	730
MAY	3 070	NOV 3	260
JUN	1 610	DEC 3	010

TOTAL DISCHARGE, 42 100 dam³

NAPANEE RIVER AT CAMDEN EAST - STATION NO. 02HM007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.93B	3.74B	52.9	10.2	6.87	4.60	5.74	2.15	3.86	18.9	20.2	11.0	1
2	4.90B	3.70B	50.3	9.90	6.64	5.28	5.21	2.14	4.15	18.3	20.4	11.0	2
3	4.85B	3.66B	47.1B	9.29	6.34	7.11	5.01	2.13	4.29	17.7	20.1	11.1	3
4	4.80B	3.63B	44.0	8.94	5.99	6.39	4.54	2.14	4.58	17.2	19.7	11.1	4
5	4.75B	3.60B	41.8	8.82	5.60	6.40	4.44	2.38	8.96	16.7	19.0	11.4	5
6	4.70B	3.59B	39.5	8.42	5.53	6.89	4.27	2.48	9.45	16.4	19.1	11.4	6
7	4.65B	3.58B	37.2	8.10	5.18	6.52	4.00	2.44	9.26	16.2	19.2	11.1	7
8	4.60B	3.57B	35.4	7.82	4.92	6.32	3.74	2.51	11.4	15.9	18.7	11.0	8
9	4.58B	3.55B	33.7	7.76	4.75	6.34	3.57	2.72	16.5	15.3	18.1	10.7 B	9
10	4.56B	3.56B	32.1	7.38	4.74	6.11	3.36	2.79	24.5	14.9	17.4	10.4 B	10
11	4.55B	9.60B	30.3	7.29	5.77	5.84	3.25	3.03	28.3	14.6	17.0	10.4 B	11
12	4.50B	12.3 B	28.4	7.11	6.70	5.60	3.03	2.98	28.3	14.1	16.3	10.2	12
13	4.45B	11.3 B	26.5	6.71	6.71	5.66	2.94	2.89	28.9	13.6	15.7	10.3	13
14	4.40B	10.6 B	24.5	6.82	6.42	5.70	3.12	2.83	29.1	13.0	15.1	10.3	14
15	4.35B	10.2 B	22.6	6.94	6.52	5.50	2.91	4.03	28.7	12.4	14.7	10.4	15
16	4.31B	11.7 B	21.0	6.60	6.71	5.58	2.72	5.61	28.1	11.8	14.2	10.3	16
17	4.28B	15.0 B	19.0	6.55	6.63	5.47	2.55	5.39	27.7	10.9	13.8	10.1 B	17
18	4.22B	19.0 B	17.4B	7.21	6.39	5.29	2.60	5.46	26.8	10.5	13.3	9.73B	18
19	4.19B	24.0 B	15.8	7.23	6.72	5.10	2.48	5.58	25.9	9.68	12.9	9.27B	19
20	4.15B	37.5 B	14.3	7.16	6.98	4.77	2.49	5.72	25.2	8.93	12.6	8.81B	20
21	4.12B	48.0 B	13.1	7.17	6.26	4.40	2.54	5.76	24.7	8.54	12.5	8.32B	21
22	4.08B	52.9	12.2	7.04	6.20	6.21	2.43	5.49	24.3	8.36	12.2	8.07	22
23	4.02B	57.4	11.5	7.15	5.89	9.20	2.37	5.26	23.6	8.88	12.0	8.10	23
24	4.00B	66.2	11.2	7.51	4.77	8.47	2.26	4.96	22.9	9.38	11.5	7.82	24
25	3.98B	63.7	11.1	7.63	4.36	7.93	2.14	4.66	22.2	9.15	11.0	7.70	25
26	3.95B	61.8	11.1	7.54	4.07	7.68	2.10	4.41	21.6	9.26	10.8	7.12	26
27	4.10B	58.1	11.1	7.38	3.97	7.43	2.08	4.22	21.3	12.0	11.1	7.01	27
28	4.28B	55.3	10.9	7.18	4.09	7.02	2.17	4.01	20.8	17.3	11.1	6.46	28
29	4.02B		10.4	7.22	4.22	6.54	2.36	3.77	20.1	16.9	11.0	6.25B	29
30	3.80B		10.6	7.17	4.44	6.21	2.33	3.69	19.5	18.2	11.0	6.13B	30
31	3.78B		10.5		4.94		2.30	3.85		19.7		5.88B	31
TOTAL	134.85	660.78	757.5	229.24	175.32	187.56	97.05	117.48	594.95	424.68	451.7	288.87	TOTAL
MEAN	4.35	23.6	24.4	7.64	5.66	6.25	3.13	3.79	19.8	13.7	15.1	9.32	MEAN
MAX	4.93	66.2	52.9	10.2	6.98	9.20	5.74	5.76	29.1	19.7	20.4	11.4	MAX
MIN	3.78	3.55	10.4	6.55	3.97	4.40	2.08	2.13	3.86	8.36	10.8	5.88	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.3
MAXIMUM DAILY, 66.2 ON FEB 24
MINIMUM DAILY, 2.08 ON JUL 27
MAXIMUM INSTANTANEOUS,
67.7 AT 04:39 EST ON FEB 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 20 03 N
LONG 76 50 15 W
DRAINAGE AREA, 694 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 700	JUL	8 390
FEB	57 100	AUG	10 200
MAR	65 400	SEP	51 400
APR	19 800	OCT	36 700
MAY	15 100	NOV	39 000
JUN	16 200	DEC	25 000

TOTAL DISCHARGE, 356 000 dam³

NEEBING RIVER NEAR THUNDER BAY - STATION NO. 02AB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.255B	0.218B	0.465B	13.8 B	3.33	2.17	2.54	0.112	0.947	1.00	1.58	0.376B	1
2	0.251B	0.216B	0.460B	21.0 B	3.32	6.53	2.03	0.106	0.166	0.917	1.45	0.337B	2
3	0.247B	0.214B	0.455B	19.3 B	6.29	16.1	1.78	0.110	0.112	0.710	1.39	0.305B	3
4	0.243B	0.212B	0.450B	13.3 B	7.37	18.0	2.24	0.109	0.124	0.557	1.29	0.282B	4
5	0.239B	0.210B	0.446B	11.2 B	6.09	9.26	2.26	0.100	0.106	0.748	1.20	0.258B	5
6	0.235B	0.208B	0.442B	9.58B	5.00	5.55	1.79	0.108	0.103	0.952	1.17	0.238B	6
7	0.232B	0.206B	0.438B	10.3	4.22	4.04	1.44	0.208	0.246	0.903	1.13	0.223B	7
8	0.229B	0.204B	0.435B	13.4	3.79	4.64	1.16	0.149	0.244	0.946	1.06	0.208B	8
9	0.226B	0.202B	0.435B	14.8	3.44	4.43	0.897	0.165	0.169	0.809	1.00 B	0.195B	9
10	0.223B	0.201B	0.445B	16.4	3.62	3.94	0.696	0.191	0.169	0.783	0.960B	0.183B	10
11	0.220B	0.200B	0.465B	15.9	3.51	3.27	0.526	0.161	0.186	0.851	0.930B	0.175B	11
12	0.218B	0.200B	0.470B	13.1	3.27	2.92	0.491	0.158	0.139	0.904	0.905B	0.169B	12
13	0.215B	0.200B	0.467B	11.4	2.98	2.67	0.433	0.136	0.138	0.888	0.890B	0.163B	13
14	0.212B	0.203B	0.462B	11.6	2.67	3.39	0.361	0.135	0.143	1.43	0.880B	0.158B	14
15	0.210B	0.210B	0.458B	9.49	2.56	4.14	0.310	0.130	0.143	1.58	0.900B	0.154B	15
16	0.209B	0.222B	0.452B	7.63	2.37	3.79	0.291	0.116	0.151	1.35	0.945B	0.150B	16
17	0.208B	0.258B	0.447B	7.52	2.15	2.99	0.280	0.111	0.143	1.39	0.990B	0.146B	17
18	0.212B	0.305B	0.442B	7.79	1.92	2.64	0.301	0.124	0.129	1.84	0.910B	0.143B	18
19	0.220B	0.355B	0.438B	6.58	1.79	2.30	0.252	0.104	0.128	1.70	0.800B	0.140B	19
20	0.237B	0.428B	0.435B	5.28	1.66	2.19	0.218	0.100	0.120	1.75	0.710B	0.137B	20
21	0.242B	0.465B	0.435B	4.43	1.63	2.31	0.235	0.126	0.123	1.71	0.635B	0.135B	21
22	0.241B	0.485B	0.450B	4.17	1.42	2.21	0.217	0.135	0.128	1.65	0.575B	0.134B	22
23	0.240B	0.495B	0.560B	5.00	1.31	1.90	0.187	0.111	0.128	1.58	0.525B	0.133B	23
24	0.238B	0.498B	0.710B	7.45	1.55	2.45	0.171	0.104	0.135	1.46	0.495B	0.131B	24
25	0.235B	0.495B	0.900B	6.52	3.87	4.12	0.167	0.092	0.157	1.44	0.490B	0.130B	25
26	0.232B	0.490B	1.23 B	5.34	5.38	3.55	0.159	0.082	0.234	1.33	0.520B	0.130B	26
27	0.230B	0.485B	1.84 B	4.72	4.29	2.64	0.145	0.081	0.283	1.46	0.560B	0.129B	27
28	0.227B	0.475B	2.85 B	4.10	3.26	2.63	0.129	0.077	0.280	1.49	0.545B	0.128B	28
29	0.224B		4.40 B	3.80	2.74	3.75	0.123	0.080	0.250	1.45	0.490B	0.128B	29
30	0.222B		6.96 B	3.62	2.50	3.28	0.129	0.077	0.282	1.48	0.430B	0.127B	30
31	0.220B		9.00 B		2.26		0.129	0.185		1.58		0.127B	31
TOTAL	7.092	8.560	38.342	288.52	101.56	133.80	22.087	3.783	5.766	38.638	26.355	5.572	TOTAL
MEAN	0.229	0.306	1.24	9.62	3.28	4.46	0.712	0.122	0.192	1.25	0.879	0.180	MEAN
MAX	0.255	0.498	9.00	21.0	7.37	18.0	2.54	0.208	0.947	1.88	1.58	0.376	MAX
MIN	0.208	0.200	0.435	3.62	1.31	1.90	0.123	0.077	0.103	0.557	0.430	0.127	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.86
MAXIMUM DAILY, 21.0B ON APR 2
MINIMUM DAILY, 0.077 ON AUG 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 22 56 N
LONG 89 18 28 W
DRAINAGE AREA, 187 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	613	JUL	1 910
FEB	740	AUG	327
MAR	3 310	SEP	498
APR	24 900	OCT	3 340
MAY	8 770	NOV	2 280
JUN	11 600	DEC	481

TOTAL DISCHARGE, 58 800 dam³

NIAGARA RIVER AT QUEENSTON - STATION NO. 02HA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5 270	5 320	5 890	6 310	6 540	6 480	6 480	6 000	6 480	6 630	6 030	6 200	1
2	6 140	6 090	6 340	6 310	6 090	6 430	6 680	6 260	6 480	6 800	6 370	6 540	2
3	5 800	6 060	6 230	6 120	6 030	6 540	6 680	6 540	6 600	6 340	6 400	6 480	3
4	6 090	6 000	6 060	5 440	6 480	6 430	6 260	6 650	6 570	6 120	6 400	6 260	4
5	6 570	5 890	6 000	5 800	6 480	6 510	6 090	6 740	6 510	6 650	6 340	5 970	5
6	5 970	5 860	6 030	6 120	6 370	6 460	6 680	6 600	6 480	6 880	6 800	5 830	6
7	6 260	5 130	5 800	5 950	6 370	6 340	6 710	6 460	6 310	7 140	6 510	6 340	7
8	6 090	5 470	5 830	5 890	6 310	6 510	6 680	6 200	6 770	6 710	6 400	6 430	8
9	5 970	5 780	6 140	6 060	6 060	6 710	6 740	6 400	6 820	6 430	6 260	6 480	9
10	5 690	5 520	6 140	6 090	6 140	6 740	6 650	6 600	7 140	5 950	6 290	6 370	10
11	5 640	5 830	6 170	5 610	6 400	6 630	6 170	6 680	6 710	5 720	6 430	6 510	11
12	5 950	6 000	6 290	5 070	6 880	6 740	6 030	6 800	6 310	6 170	6 260	5 890	12
13	5 780	5 780	6 120	5 800	6 740	6 310	6 650	6 710	6 140	6 060	6 290	5 750	13
14	5 830	5 490	5 920	6 060	6 570	6 230	6 510	6 740	6 710	6 140	5 950	6 170	14
15	5 660	5 350	5 950	6 090	6 630	6 770	6 340	6 540	6 480	6 480	5 830	6 230	15
16	5 800	5 580	6 230	6 200	6 060	6 740	6 340	6 120	6 230	6 480	6 260	6 340	16
17	5 720	5 690	6 310	6 290	6 290	6 710	6 340	6 430	6 340	5 970	6 400	6 290	17
18	5 410	5 660	6 030	6 030	6 430	6 680	6 200	6 540	6 340	6 850	6 430	6 140	18
19	5 690	6 030	6 060	5 750	6 310	6 800	5 830	6 570	6 480	6 940	6 370	6 200	19
20	5 580	6 290	6 140	6 290	6 540	6 140	6 540	6 260	6 570	6 650	6 570	5 970	20
21	5 580	6 060	5 950	6 140	6 570	6 140	6 460	6 400	6 480	6 230	6 740	6 400	21
22	5 780	5 860	5 550	5 970	6 710	7 020	6 460	6 090	6 290	6 230	6 680	6 370	22
23	5 690	6 290	6 090	6 260	6 120	6 940	6 480	6 090	6 600	6 400	6 540	6 340	23
24	5 270	6 260	6 060	6 510	6 230	6 740	6 310	6 510	6 600	6 290	6 230	6 850	24
25	5 150	6 230	6 000	6 430	6 290	6 910	6 000	6 370	6 480	5 950	6 290	6 540	25
26	5 830	6 200	6 000	6 200	6 650	6 850	5 950	6 400	6 090	6 310	6 200	6 200	26
27	5 720	6 090	6 230	6 370	6 400	6 510	6 510	6 460	6 430	6 400	6 820	6 090	27
28	5 610	5 690	5 720	6 310	6 460	6 260	6 540	6 290	6 850	6 460	6 630	6 540	28
29	5 520		5 800	6 570	6 570	6 850	6 680	6 090	6 480	6 340	6 370	6 430	29
30	5 320		6 200	6 570	6 140	6 850	6 600	6 120	6 370	6 290	6 230	6 430	30
31	5 100		6 170		6 140		6 630	6 480		6 120		6 230	31
TOTAL	177 480	163 500	187 450	182 610	198 000	197 970	199 220	199 140	195 140	188 130	191 320	194 810	TOTAL
MEAN	5 730	5 840	6 050	6 090	6 390	6 600	6 430	6 420	6 500	6 390	6 380	6 280	MEAN
MAX	6 570	6 290	6 340	6 570	6 880	7 020	6 740	6 800	7 140	7 140	6 820	6 850	MAX
MIN	5 100	5 130	5 550	5 070	6 030	6 140	5 830	6 000	6 090	5 720	5 830	5 750	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6 260
MAXIMUM DAILY, 7 140 ON SEP 10
MINIMUM DAILY, 5 070 ON APR 12

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 43 09 25 N
LONG 79 02 50 W
DRAINAGE AREA, 686 000 km²

REGULATED SINCE 1955

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 300 000	JUL	17 200 000
FEB	14 100 000	AUG	17 200 000
MAR	16 200 000	SEP	16 900 000
APR	15 800 000	OCT	17 100 000
MAY	17 100 000	NOV	16 500 000
JUN	17 100 000	DEC	16 800 000

TOTAL DISCHARGE, 197 000 000 dam³

DATA CONTRIBUTED BY -
INTERNATIONAL NIAGARA COMMITTEE

REMARKS - DISCHARGES DO NOT INCLUDE WELLAND CANAL DIVERSIONS

NIPIGON RIVER AT PINE PORTAGE - STATION NO. 02AD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	119	300	318	319	340	245	54.6	282	208	263	124	146	1
2	159	339	346	371	369	234	47.8	246	226	271	159	142	2
3	217	366	360	374	342	238	135	288	197	204	136	142	3
4	206	375	374	382	337	237	358	307	233	207	128	155	4
5	186	371	373	357	327	266	309	277	214	246	119	164	5
6	214	349	366	380	347	263	344	274	231	193	168	155	6
7	186	350	382	347	359	222	332	239	166	204	145	143	7
8	266	380	355	346	362	229	357	189	207	240	182	141	8
9	244	379	342	320	349	279	353	162	196	190	179	145	9
10	213	367	317	380	311	294	331	234	201	154	169	149	10
11	290	370	361	339	360	308	341	208	231	115	178	153	11
12	242	377	362	326	297	314	341	232	187	113	188	154	12
13	273	357	349	352	275	331	343	228	179	140	156	146	13
14	297	362	346	349	291	322	359	252	225	148	189	145	14
15	303	335	386	368	331	329	323	210	229	135	186	147	15
16	328	385	382	329	318	297	301	189	267	127	156	151	16
17	246	348	400	345	226	271	315	188	329	214	170	142	17
18	179	343	388	382	170	309	307	197	340	218	183	141	18
19	203	296	365	191	307	320	212	244	291	160	190	154	19
20	289	330	332	244	366	324	234	294	287	183	163	140	20
21	273	278	311	354	346	309	251	316	339	199	132	164	21
22	268	310	334	369	332	327	237	237	337	214	160	140	22
23	270	370	364	352	283	344	225	210	302	242	154	157	23
24	271	374	368	378	296	334	216	217	260	161	148	147	24
25	192	423	359	320	357	317	208	187	214	289	148	148	25
26	257	327	324	334	344	328	176	199	203	220	189	154	26
27	317	361	319	358	252	318	224	190	193	220	129	147	27
28	338	342	346	343	237	261	246	189	206	191	144	154	28
29	307		340	348	239	278	252	183	223	196	151	127	29
30	328		371	348	159	237	279	184	240	155	149	125	30
31	289		385		131		310	213		118		114	31
TOTAL	7 770	9 864	11 025	10 305	9 360	8 685	8 316.4	7 065	7 161	5 930	4 732	4 532	TOTAL
MEAN	251	352	356	344	302	290	268	228	239	191	158	146	MEAN
MAX	338	423	400	382	369	344	359	316	340	289	190	164	MAX
MIN	119	278	311	191	131	222	47.8	162	166	113	119	118	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 260
MAXIMUM DAILY, 423 ON FEB 25
MINIMUM DAILY, 47.8 ON JUL 2

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 18 28 N
LONG 88 18 40 W
DRAINAGE AREA, 24 600 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	671 000	JUL	719 000
FEB	852 000	AUG	610 000
MAR	953 000	SEP	619 000
APR	890 000	OCT	512 000
MAY	809 000	NOV	409 000
JUN	750 000	DEC	392 000

TOTAL DISCHARGE, 8 190 000 dam³

NITH RIVER ABOVE NITHBURG - STATION NO. 02GA038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.430B	0.260B	14.4	9.05	3.37	0.201	0.102	0.102	9.40	2.81	3.07	2.92	1
2	0.410B	0.280B	7.33	4.97	2.41	0.158	0.095	0.087	13.0	8.09	2.57	10.3	2
3	0.400B	0.260B	2.40 B	3.20	1.83	0.138	0.091	0.084	5.77	4.47	2.13	8.97	3
4	0.385B	0.253B	1.80 B	2.57	1.51	0.122	0.084	0.084	51.3	2.71	1.82	5.31	4
5	0.370B	0.249B	2.77	2.19	1.27	0.108	0.082	0.134	21.8	2.00	1.64	3.52	5
6	0.360B	0.247B	2.20	1.78	1.10	0.098	0.079	0.104	8.38	7.89	1.57	2.69	6
7	0.350B	0.243B	1.86	1.42	0.898	0.086	0.075	0.090	4.92	19.8	1.42	2.28	7
8	0.340B	0.240B	1.52 B	1.20	0.765	0.080	0.070	0.081	3.44	9.84	1.24	2.07	8
9	0.330B	0.239B	1.45 B	1.02 E	0.704	0.079	0.068	0.074	2.45	5.01	1.06	1.75 B	9
10	0.320B	0.238B	1.35 B	0.900E	1.08	0.075	0.063	0.065	1.76	3.17	0.938	1.47 B	10
11	0.310B	0.820B	1.30 B	0.800E	10.5	0.073	0.057	0.061	1.34	2.32	0.855	1.09 B	11
12	0.300B	0.780B	1.25 B	0.720E	12.1	0.068	0.058	0.066	1.01	1.78	0.774	0.998B	12
13	0.295B	0.750B	1.23 B	0.680E	5.94	0.067	0.057	0.061	0.774	1.41	0.705	0.910	13
14	0.285B	0.720B	1.21 B	3.71	3.46	0.086	0.055	0.064	0.613	1.14	0.657	0.815	14
15	0.280B	0.700B	1.32 B	6.12	2.92	0.083	0.054	0.095	0.523	1.09	0.630	0.752	15
16	0.274B	0.860B	1.16 B	3.02	4.42	0.079	0.054	0.149	0.442	1.25	0.639	0.685	16
17	0.270B	2.40 B	1.00 B	2.63	3.58	0.076	0.054	0.101	0.388	1.46	0.634	0.580B	17
18	0.268B	10.0 B	0.900B	3.09	2.48	0.072	0.064	0.085	0.394	4.87	0.613	0.540B	18
19	0.264B	29.0 B	0.840B	2.70	1.87	0.068	0.068	0.077	0.344	12.7	0.606	0.480B	19
20	0.261B	88.0 B	0.790B	2.08	1.45	0.066	0.067	0.073	0.309	8.13	2.14	0.440B	20
21	0.258B	60.0 B	0.750B	1.64	1.11	0.075	0.066	0.065	0.346	5.27	10.2	0.400B	21
22	0.255B	50.9	0.871	1.34	0.873	0.860	0.063	0.059	0.569	18.3	5.79	0.410B	22
23	0.252B	102	1.10	1.38	0.712	1.82	0.057	0.055	0.580	25.1	3.35	0.480B	23
24	0.250B	51.6	1.29	1.64	0.635	1.25	0.054	0.053	0.491	17.6	2.46	0.460B	24
25	0.250B	20.0	1.72	1.70	0.613	0.700	0.054	0.048	0.446	10.0	1.87	0.420B	25
26	0.265B	11.4	2.10	1.48	0.559	0.438	0.059	0.047	0.431	6.58	1.64	0.400B	26
27	0.290B	8.35	3.98	1.20	0.512	0.259	0.082	0.047	0.407	11.4	15.0	0.390B	27
28	0.275B	15.7	5.13	5.74	0.464	0.164	0.193	0.056	0.373	23.6	11.3	0.390B	28
29	0.265B		4.18	9.92	0.404	0.121	0.499	0.067	0.342	9.55	5.19	0.390B	29
30	0.252B		9.05	5.76	0.341	0.108	0.369	17.7	0.378	5.57	3.49	0.370B	30
31	0.245B		18.6		0.269		0.179	22.7		3.86		0.360B	31
TOTAL	9.359	456.489	96.851	85.650	70.149	7.678	3.072	42.634	132.720	238.77	86.001	53.040	TOTAL
MEAN	0.302	16.3	3.12	2.86	2.26	0.256	0.099	1.38	4.42	7.70	2.87	1.71	MEAN
MAX	0.430	102	18.6	9.92	12.1	1.82	0.499	22.7	51.3	25.1	15.0	10.3	MAX
MIN	0.245	0.238	0.750	0.680	0.269	0.066	0.054	0.047	0.309	1.09	0.606	0.360	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.51
MAXIMUM DAILY, 102 ON FEB 23
MINIMUM DAILY, 0.047 ON AUG 26
MAXIMUM INSTANTANEOUS,
135 AT 20:20 EST ON FEB 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 29 02 N
LONG 80 50 06 W
DRAINAGE AREA, 326 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	809	JUL	265
FEB	39 400	AUG	3 680
MAR	8 370	SEP	11 500
APR	7 400	OCT	20 600
MAY	6 060	NOV	7 430
JUN	663	DEC	4 580

TOTAL DISCHARGE, 111 000 dam³

NITH RIVER AT NEW HAMBURG - STATION NO. 02GA018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.915B	0.600B	21.0 E	15.1	7.04	1.27	1.05	1.01	15.1	2.00	4.97	4.16	1
2	0.860B	0.640B	11.5 E	8.86	5.13	1.21	0.999	0.904	19.2	7.54	4.38	8.22	2
3	0.820B	0.620B	9.00E	6.27	3.88	1.21	0.990	0.859	14.5	7.82	3.79	12.1	3
4	0.800B	0.600B	7.20E	5.04	3.20	1.22	1.07	0.879	51.2	5.15	3.27	7.42	4
5	0.770B	0.580B	5.98A	4.42	2.73	1.19	1.09	0.933	61.3	3.82	2.89	5.35	5
6	0.740B	0.570B	5.25E	3.80	2.45	1.09	1.01	1.01	18.5	3.72	2.73	4.31	6
7	0.700B	0.559B	4.75E	3.23	2.15	1.06	0.971	0.975	9.66	16.3	2.54	3.62	7
8	0.670B	0.545B	4.35E	2.73	1.95	1.03	0.892	0.917	6.52	13.9	2.34	3.24	8
9	0.654B	0.539B	4.00E	2.38	1.80	0.999	0.848	0.915	4.89	7.44	2.12	2.05B	9
10	0.630B	0.530B	3.70E	2.17	1.83	1.01	0.802	0.890	3.53	4.87	1.97	1.95B	10
11	0.615B	2.25 B	3.50E	2.15	4.41	0.993	0.766	0.902	2.71	3.67	1.83	1.90B	11
12	0.610B	2.10 B	3.30E	2.16	16.0	0.984	0.775	0.895	2.23	2.76	1.72	1.82B	12
13	0.603B	1.95 B	3.15E	2.04	9.29	0.976	0.754	0.870	1.92	2.17	1.61	1.74B	13
14	0.600B	1.85 B	3.00E	3.41	5.99	1.13	0.759	0.856	1.71	1.92	1.53	1.68	14
15	0.595B	1.80 B	2.90E	8.59	4.99	1.14	0.742	0.942	1.56	1.75	1.51	1.63	15
16	0.585B	2.60 B	2.80E	6.33	5.36	1.09	0.725	1.03	1.47	1.77	1.54	1.59	16
17	0.580B	7.00 B	2.74E	5.11	6.19	1.04	0.718	1.03	1.44	1.81	1.60	1.52	17
18	0.575B	13.5 B	2.70E	5.85	4.66	0.992	0.755	0.972	1.45	2.38	1.57	1.29	18
19	0.570B	39.0 B	2.66A	5.51	3.50	0.935	0.884	0.897	1.46	8.89	1.58	1.26B	19
20	0.565B	107 B	2.52E	4.52	2.74	0.948	0.891	0.842	1.42	9.94	2.40	1.24B	20
21	0.560B	96.0 B	2.48E	3.61	2.19	1.09	0.885	0.831	1.42	6.50	9.32	1.22B	21
22	0.557B	75.0 E	2.40E	2.98	1.91	1.69	0.841	0.824	1.75	13.1	8.95	1.22	22
23	0.556B	88.0 E	2.80E	3.06	1.78	3.14	0.795	0.823	2.00	28.6	5.56	1.31	23
24	0.555B	120 E	3.20E	4.43	1.62	2.93	0.776	0.809	1.78	22.5	4.15	1.30	24
25	0.555B	50.0 E	3.65E	4.42	1.59	2.16	0.754	0.795	1.56	13.1	3.33	1.27	25
26	0.610B	21.0 E	4.40E	3.68	1.74	1.72	0.760	0.770	1.52	8.24	2.70	1.25	26
27	0.680B	13.0 E	4.95	3.09	1.55	1.38	0.747	0.748	1.61	8.04	5.51	1.24	27
28	0.620B	22.0 E	7.28	5.05	1.51	1.24	1.01	0.826	1.57	31.3	15.9	1.23	28
29	0.592B		6.52	15.5	1.48	1.13	1.29	0.877	1.46	17.0	7.10	1.23	29
30	0.580B		8.70	10.9	1.46	1.08	1.31	1.12	1.40	9.15	4.89	1.22	30
31	0.558B		25.7		1.36		1.14	38.0		6.29		1.19	31
TOTAL	19.880	669.833	178.08	156.39	113.48	39.077	27.799	64.951	237.84	273.44	115.26	81.77	TOTAL
MEAN	0.641	23.9	5.74	5.21	3.66	1.30	0.897	2.10	7.93	8.82	3.84	2.64	MEAN
MAX	0.915	120	25.7	15.5	16.0	3.14	1.31	38.0	61.3	31.3	15.9	12.1	MAX
MIN	0.555	0.530	2.40	2.04	1.36	0.935	0.718	0.748	1.40	1.75	1.51	1.19	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.42
MAXIMUM DAILY, 120E ON FEB 24
MINIMUM DAILY, 0.530B ON FEB 10
MAXIMUM INSTANTANEOUS,
159E AT 06:33 EST ON FEB 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 22 39 N
LONG 80 42 41 W
DRAINAGE AREA, 552 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 720	JUL	2 400
FEB	57 900	AUG	5 610
MAR	15 400	SEP	20 500
APR	13 500	OCT	23 600
MAY	9 800	NOV	9 960
JUN	3 380	DEC	7 060

TOTAL DISCHARGE, 171 000 dam³

NITH RIVER NEAR CANNING - STATION NO. 02GA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.60B	2.75B	29.0 E	30.6	16.0	3.98	3.70	3.25	32.0	4.06	12.6	10.2	1
2	3.50B	2.90B	27.0 E	19.5	12.2	3.76	3.49	3.02	17.6	4.88	10.7	9.53	2
3	3.40B	2.75B	20.0 E	14.6	9.78	4.05	3.26	2.92	22.7	8.93	9.40	14.3	3
4	3.30B	2.69B	15.0 E	11.6	8.39	4.13	3.31	2.80	26.7	11.0	8.54	17.3	4
5	3.25B	2.61B	13.0 E	10.2	7.57	3.80	3.23	2.58	61.6	8.37	7.82	13.3	5
6	3.15B	2.60B	12.0	9.25	6.89	3.73	3.36	2.55	60.9	7.69	7.43	10.6	6
7	3.10B	2.58B	10.1	8.26	6.41	3.59	3.17	2.55	22.8	8.46	7.01	8.95	7
8	3.05B	2.55B	9.45B	7.40	6.03	3.42	2.97	2.92	14.9	18.6	6.56	8.00	8
9	3.00B	2.52B	9.00B	6.90	5.72	3.47	2.84	2.99	11.2	17.5	6.31	6.20B	9
10	2.95B	2.51B	8.75B	6.49	5.72	3.30	2.71	2.83	8.92	12.1	6.00	5.65B	10
11	2.90B	6.20B	8.60B	6.35	6.90	3.26	2.56	3.41	7.42	9.23	5.65	5.30B	11
12	2.87B	5.80B	8.60B	6.13	8.99	3.16	2.49	2.98	6.32	7.54	5.36	5.20B	12
13	2.82B	5.60B	8.62B	6.07	18.5	3.21	2.43	2.74	5.54	6.45	5.24	5.10B	13
14	2.78B	5.50B	8.70B	8.16	13.9	3.51	2.34	2.68	5.00	5.80	5.09	5.00B	14
15	2.75B	5.40B	8.90B	11.4	11.2	3.74	2.29	2.89	4.41	5.41	4.95	4.95B	15
16	2.72B	6.00B	8.20B	13.5	10.1	3.86	2.24	2.97	4.11	5.04	5.00	4.85B	16
17	2.71B	12.0 B	7.50B	12.2	9.62	3.87	2.20	2.78	4.10	4.86	5.02	4.60B	17
18	2.71B	21.0 B	7.15B	11.9	10.1	3.60	2.21	2.68	4.01	5.99	4.95	4.55B	18
19	2.71B	34.0 B	6.80B	11.1	8.72	3.34	2.35	2.67	3.85	7.21	5.44	4.50B	19
20	2.69B	97.5 B	6.50B	10.2	7.50	3.34	3.08	2.57	3.76	12.1	6.04	4.50B	20
21	2.69B	133 E	6.30B	8.89	6.69	3.70	3.14	2.55	3.85	15.8	7.88	4.45B	21
22	2.68B	120 E	6.24B	7.81	6.04	5.00	2.75	2.47	4.92	14.3	15.1	5.05B	22
23	2.65B	94.0 E	6.22	8.17	5.53	5.83	2.62	2.40	4.79	25.7	14.9	4.95B	23
24	2.64B	110 E	6.32	10.0	5.13	6.05	2.51	2.38	4.61	38.6	11.0	4.90B	24
25	2.63B	150 E	6.40	11.5	4.93	6.25	2.42	2.33	4.59	29.0	8.81	4.70B	25
26	2.63B	70.0 E	6.73	10.1	4.77	5.36	2.39	2.31	4.36	19.6	7.70	4.63B	26
27	2.80B	32.0 E	6.23	8.73	4.81	4.56	2.38	2.32	4.15	16.7	7.81	4.35B	27
28	3.00B	24.0 E	10.2	9.15	4.95	3.98	3.13	2.44	3.96	18.0	10.2	4.30B	28
29	2.80B		12.4	13.6	4.76	3.65	4.47	2.57	3.84	40.3	20.1	4.25B	29
30	2.65B		13.0	20.3	4.43	3.41	3.81	3.86	3.73	23.3	12.9	4.20B	30
31	2.60B		18.3		4.28		3.47	3.68		15.9		4.15B	31
TOTAL	89.73	958.46	331.21	330.06	246.56	119.91	89.32	86.09	370.64	428.42	251.51	202.51	TOTAL
MEAN	2.89	34.2	10.7	11.0	7.95	4.00	2.88	2.78	12.4	13.8	8.38	6.53	MEAN
MAX	3.60	150	29.0	30.6	18.5	6.25	4.47	3.86	61.6	40.3	20.1	17.3	MAX
MIN	2.60	2.51	6.22	6.07	4.28	3.16	2.20	2.31	3.73	4.06	4.95	4.15	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.60
MAXIMUM DAILY, 150E ON FEB 25
MINIMUM DAILY, 2.20 ON JUL 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 11 26 N
LONG 80 27 17 W
DRAINAGE AREA, 1 030 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 750	JUL	7 720
FEB	82 800	AUG	7 440
MAR	28 600	SEP	32 000
APR	28 500	OCT	37 000
MAY	21 300	NOV	21 700
JUN	10 400	DEC	17 500

TOTAL DISCHARGE, 303 000 dam³

NOLIN CREEK AT SUDBURY - STATION NO. 02CF009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.012B	0.012B	0.230B	2.08	0.122	0.040	0.203	0.017	1.28	0.551	0.132	0.095B	1
2	0.012B	0.012B	0.200B	1.28	0.081	0.035	0.206	0.031	0.807	0.513	0.144	0.343	2
3	0.012B	0.012B	0.180B	1.15	0.106	0.029	0.156	0.032	0.553	0.296	0.115	0.204	3
4	0.012B	0.012B	0.165B	3.01	0.109	0.031	0.422	0.087	1.45	0.220	0.131	0.160B	4
5	0.012B	0.012B	0.150B	1.51	0.188	0.026	0.462	0.037	0.913	0.188	0.153	0.130B	5
6	0.012B	0.012B	0.145B	1.22	0.118	0.028	0.216	0.022	0.615	1.12	0.436	0.100B	6
7	0.012B	0.012B	0.145B	1.03	0.083	0.026	0.152	0.023	0.457	0.685	0.207	0.080B	7
8	0.012B	0.012B	0.145B	1.84	0.086	0.102	0.138	0.055	0.596	0.486	0.185	0.068B	8
9	0.012B	0.012B	0.142B	1.59	0.115	0.045	0.135	0.033	0.693	0.397	0.130	0.050B	9
10	0.012B	0.012B	0.137B	1.10	0.094	0.029	0.126	0.024	3.03	0.321	0.104	0.041B	10
11	0.012B	0.013B	0.135B	0.892	0.117	0.023	0.103	0.023	1.33	0.257	0.097	0.036B	11
12	0.012B	0.015B	0.137B	0.602	0.149	0.036	0.087	0.037	1.22	0.226	0.070	0.032B	12
13	0.012B	0.017B	0.133B	0.430	0.100	0.025	0.108	0.045	0.874	0.209	0.102	0.031B	13
14	0.012B	0.018B	0.131B	1.15	0.086	0.028	0.079	0.034	0.762	0.207	0.133	0.032B	14
15	0.012B	0.018B	0.130B	0.518	0.150	0.165	0.072	0.035	0.514	0.330	0.128	0.033B	15
16	0.012B	0.052B	0.129B	0.397	0.154	0.053	0.060	0.023	0.327	0.275	0.146	0.030B	16
17	0.011B	0.090B	0.128B	0.363	0.175	0.038	0.053	0.018	0.300	0.259	0.220	0.028B	17
18	0.011B	0.200B	0.127B	0.261	0.167	0.027	0.065	0.020	0.268	1.57	0.219	0.026B	18
19	0.011B	0.350B	0.126B	0.194	0.157	0.022	0.036	0.020	0.247	0.822	0.158	0.025B	19
20	0.011B	0.640B	0.133B	0.147	0.145	0.020	0.019	0.015	0.196	0.776	0.112	0.025B	20
21	0.011B	1.20 B	0.160B	0.131	0.141	0.010	0.039	0.020	0.174	0.737	0.111	0.024B	21
22	0.011B	1.90 B	0.230B	0.119	0.126	0.300	0.029	0.012	0.159	0.622	0.087	0.024B	22
23	0.011B	2.90 B	0.310B	0.234	0.105	0.112	0.027	0.246	0.132	0.483	0.080B	0.025B	23
24	0.011B	2.38 B	0.420B	0.230	0.063	0.791	0.030	0.073	0.111	0.403	0.076B	0.025B	24
25	0.012B	1.20 B	0.800B	0.177	0.324	0.500	0.019	0.027	0.133	0.458	0.074B	0.024B	25
26	0.013B	0.520B	0.750B	0.142	0.098	0.268	0.027	0.025	0.211	0.478	0.150B	0.023B	26
27	0.014B	0.400B	0.680B	0.124	0.084	0.183	0.024	0.018	0.207	0.383	0.160B	0.022B	27
28	0.014B	0.330B	0.670B	0.132	0.059	0.095	0.035	0.004	0.163	0.177	0.130B	0.021B	28
29	0.014B		0.947	0.418	0.067	0.396	0.073	0.255	0.222	0.153	0.110B	0.020B	29
30	0.013B		1.25	0.198	0.091	0.298	0.031	0.604	0.269	0.134	0.090B	0.019B	30
31	0.013B		1.20		0.037		0.014	0.273		0.134		0.019B	31
TOTAL	0.373	12.363	10.365	22.669	3.697	3.781	3.246	2.188	18.213	13.866	4.190	1.815	TOTAL
MEAN	0.012	0.442	0.334	0.756	0.119	0.126	0.105	0.071	0.607	0.447	0.140	0.059	MEAN
MAX	0.014	2.90	1.25	3.01	0.324	0.791	0.462	0.604	3.03	1.57	0.436	0.343	MAX
MIN	0.011	0.012	0.126	0.119	0.037	0.010	0.014	0.004	0.111	0.134	0.070	0.019	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.265
MAXIMUM DAILY, 3.03 ON SEP 10
MINIMUM DAILY, 0.004 ON AUG 28
MAXIMUM INSTANTANEOUS,
11.7 AT 01:43 EST ON SEP 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 29 51 N
LONG 81 00 25 W
DRAINAGE AREA, 21.5 km²

B - ICE CONDITIONS

REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	32.2	JUL	280
FEB	1 070	AUG	189
MAR	896	SEP	1 570
APR	1 960	OCT	1 200
MAY	319	NOV	362
JUN	327	DEC	157

TOTAL DISCHARGE, 8 360 dam³

NORTH BRANCH MUSKOKA RIVER AT PORT SYDNEY - STATION NO. 02EB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.9	16.5	96.3	54.0	23.3E	18.2	15.3 E	7.93	33.0	54.2	34.9	22.1	1
2	18.9	16.1	85.0	57.9	18.1E	12.6	15.2 E	7.93E	61.3	55.7	33.9	26.0	2
3	19.6	16.0	72.2	67.9	27.8E	13.6	15.1	7.93	87.6	58.7	32.6	34.2	3
4	18.9	16.1	68.9	76.3	28.0E	14.6	14.2 E	7.93	111	49.7	32.2	34.0	4
5	18.9	15.8	63.7	81.2	24.2	14.4	13.8	7.93	145	45.7	31.1	30.8	5
6	18.3	16.5	59.1	84.5	24.2	13.6	12.9	7.93	163	39.0	30.4	33.4	6
7	18.9	16.5	54.8	88.7	26.6	15.8	11.5 E	7.93	160	35.9	29.8	25.3	7
8	18.9	16.1	52.1	91.3	20.6	16.6	10.5 E	7.93	154	35.1	29.2	20.9	8
9	18.9	15.9	49.6	96.6	20.6	16.5	9.61	7.93	147	37.3	25.6	20.9	9
10	18.9	16.3	46.9	96.6	20.6	16.5	9.60E	8.29	144	38.1	19.8	20.6	10
11	17.8	16.4	46.3	93.1	21.9	16.3	9.59E	8.29	138	37.9	18.9E	24.0	11
12	17.2	16.5	42.4	91.3	27.7	16.2 E	9.58E	8.53	134	39.6	18.3E	25.9	12
13	17.8	19.6	40.4	89.6	32.4	16.0 E	9.56E	9.47	129	39.3	17.8E	24.9	13
14	17.2	20.3	35.9	74.5	32.4	15.9 E	9.55E	8.70	122	38.9	17.2E	24.9	14
15	19.6	20.8	33.3	49.3	33.5	15.7 E	9.54E	9.47	117	38.3	16.7E	23.9	15
16	17.6	20.4	33.3	15.3	34.1	15.6 E	9.53E	9.06	107	35.9	16.1E	23.3	16
17	12.9	24.6	32.0	6.94	34.1	15.8	9.52E	17.8	81.7	35.1	15.6	22.7	17
18	13.9	30.0	31.1	7.31	34.7	14.6	9.51E	26.5	60.3	35.3	15.6	22.5	18
19	13.9	33.3	30.3	5.85	37.3	12.0	9.49E	23.9	70.7	36.5	16.2	21.6	19
20	11.9	35.9	25.0	5.85	37.3	10.1 E	9.48E	20.6	47.9	38.1	16.8	21.6	20
21	13.9	35.7	23.2	44.6	35.5	9.90E	9.47	13.3	47.0	39.6	16.8	23.4	21
22	13.9	43.0	22.2	40.4	33.9	9.75	9.61	8.92	45.8	41.1	17.3	20.4	22
23	16.0	52.0	21.0	34.2	33.2E	10.2	9.56E	8.53	42.5	42.2	14.0	20.3	23
24	13.9	66.5	20.0	34.8	32.4	16.8	9.52E	9.19	28.6	42.8	14.5	19.8	24
25	13.9	89.0	18.7	35.1	30.6	15.6	9.47E	9.06	27.2	42.6	17.3	17.3	25
26	14.7	91.0	18.8	33.5	30.0	15.5 E	9.42E	9.06	29.2	39.1	16.8	20.0	26
27	15.5	94.5	20.0	44.3 E	32.8	15.4 E	9.38E	9.06	29.6	42.6	17.9	19.4	27
28	14.9	95.4	20.4	49.9 E	27.7	15.2 E	9.33	9.06	41.6	39.4	19.7	19.4	28
29	14.1		22.0	30.6 E	26.5	15.1	9.13E	9.19	52.8	38.3	20.9	19.6	29
30	13.8		23.2	24.9 E	25.9	15.4	8.92	9.19	53.9	37.1	20.9	18.2	30
31	13.4		59.8		24.8		8.92	16.9		37.5		18.0	31
TOTAL	506.9	966.7	1 267.9	1 606.35	892.5	439.45	325.79	333.44	2 611.7	1 266.6	644.8	719.3	TOTAL
MEAN	16.4	34.5	40.9	53.5	28.8	14.6	10.5	10.8	87.1	40.9	21.5	23.2	MEAN
MAX	19.6	95.4	96.3	96.6	37.3	18.2	15.3	26.5	163	58.7	34.9	34.2	MAX
MIN	11.9	15.8	18.7	5.85	18.1	9.75	8.92	7.93	27.2	35.1	14.0	17.3	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.7
MAXIMUM DAILY, 163 ON SEP 6
MINIMUM DAILY, 5.85 ON APR 19

TYPE OF GAUGE - MANUAL
LOCATION - LAT 45 12 45 N
LONG 79 16 30 W
DRAINAGE AREA, 1 390 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	43 800	JUL	28 100
FEB	83 500	AUG	28 800
MAR	110 000	SEP	226 000
APR	139 000	OCT	109 000
MAY	77 100	NOV	55 700
JUN	38 000	DEC	62 100

TOTAL DISCHARGE, 1 000 000 dam³

NORTH BRANCH SOUTH NATION RIVER NEAR NECKSTON - STATION NO. 02LB017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.265B	0.202B	2.84	0.813	0.650	0.472E	0.362	0.032	0.150	0.964	2.01	0.937B	1
2	0.255B	0.249B	2.30	0.953	0.801	0.380E	0.279	0.028	0.086	0.879	1.64	0.876	2
3	0.249B	0.350B	1.66	0.862	0.884	0.302E	0.406	0.023	0.076	0.846	1.29	0.962	3
4	0.242B	0.304B	1.46	0.908	0.685	0.332E	0.258	0.016	0.159	0.768	1.09	0.973	4
5	0.232B	0.269B	1.43	1.14	0.533	1.37 E	0.150	0.070	0.124	0.679	0.953	0.921	5
6	0.227B	0.254B	1.17	1.05	0.444	0.980E	0.116	0.103	0.103	0.659	1.21	0.790B	6
7	0.222B	0.240B	1.01	0.908	0.373	0.695E	0.148	0.092	0.094	0.842	1.70	0.693B	7
8	0.218B	0.227B	0.965	0.813	0.321	0.682E	0.105	0.140	0.280	0.896	1.67	0.615B	8
9	0.211B	0.216B	0.990	0.879	0.270	0.680E	0.086	0.177	0.996	0.821	1.84	0.568B	9
10	0.207B	0.211B	0.944	0.926	0.245	0.775E	0.130	0.208	3.90	0.763	1.42	0.520B	10
11	0.202B	0.840B	0.997	0.834	0.769	0.570E	0.083	0.618	6.90	0.714	1.28	0.516B	11
12	0.198B	3.80 B	1.06	0.798	1.37	0.399E	0.063	0.914	6.31	0.664	1.12	0.501	12
13	0.193B	3.11 B	1.07	0.699	1.11	0.350E	0.054	0.870	4.53	0.628	0.919	0.487B	13
14	0.188B	2.57 B	1.01	0.646	0.988	0.305E	0.058	0.877	3.07	0.582	0.874	0.465B	14
15	0.184B	2.15 B	0.951	0.607	0.925	0.264E	0.135	1.49	2.16	0.540	0.862	0.452B	15
16	0.181B	2.05 B	1.02	0.539	2.19	0.310E	0.056	2.78	1.48	0.528	0.860	0.438B	16
17	0.178B	2.00 B	0.825	0.534	1.78	0.359E	0.040	3.70	1.09	0.523	0.844	0.418B	17
18	0.174B	3.80 B	0.791B	0.794	1.24	0.362E	0.040	3.10	0.893	0.557	0.824	0.386B	18
19	0.171B	6.85 B	0.633B	0.900	1.06	0.285E	0.031	1.95	0.700	0.625	0.844	0.332B	19
20	0.168B	10.8 B	0.549B	0.770	0.890	0.218E	0.032	1.20	0.578	0.598	1.26	0.267B	20
21	0.164B	13.5 B	0.501	0.650	0.733	0.211E	0.061	0.866	0.579	0.583	2.34	0.229B	21
22	0.160B	11.3 B	0.504	0.540	0.579	1.10 E	0.062	0.680	0.600	0.739	2.12	0.247	22
23	0.157B	8.29	0.551	0.444	0.429	3.95 E	0.056	0.553	2.14	2.11	1.87	0.240	23
24	0.153B	10.6	0.647	0.483	0.317	2.29	0.043	0.429	3.07	1.91	1.55	0.256	24
25	0.151B	7.73	0.674	0.605	0.258E	2.01	0.033	0.308	2.64	1.69	1.16	0.263	25
26	0.192B	5.60	0.758	0.594	0.243E	1.50	0.031	0.215	2.45	2.16	0.965	0.263B	26
27	0.240B	3.72	0.796	0.527	0.241E	1.08	0.026	0.168	2.41	3.95	1.50	0.260B	27
28	0.273B	2.93	0.739	0.479	0.400E	0.806	0.024	0.230	1.95	6.88	1.75	0.255B	28
29	0.258B		0.718	0.627	0.910E	0.624	0.028	0.118	1.46	4.59	1.43	0.249B	29
30	0.239B		0.727	0.728	0.738E	0.524	0.031	0.087	1.15	3.59	1.08 B	0.244B	30
31	0.224B		0.787		0.597E		0.032	0.073		2.62		0.240B	31
TOTAL	6.376	104.162	31.077	22.050	22.973	24.185	3.059	22.115	52.128	44.898	40.275	14.863	TOTAL
MEAN	0.206	3.72	1.00	0.735	0.741	0.806	0.099	0.713	1.74	1.45	1.34	0.479	MEAN
MAX	0.273	13.5	2.84	1.14	2.19	3.95	0.406	3.70	6.90	6.88	2.34	0.973	MAX
MIN	0.151	0.202	0.501	0.444	0.241	0.211	0.024	0.016	0.076	0.523	0.824	0.229	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.06
MAXIMUM DAILY, 13.5B ON FEB 21
MINIMUM DAILY, 0.016 ON AUG 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 59 40 N
LONG 75 31 00 W
DRAINAGE AREA, 69.2 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	551	JUL	264
FEB	9 000	AUG	1 910
MAR	2 690	SEP	4 500
APR	1 910	OCT	3 880
MAY	1 980	NOV	3 480
JUN	2 090	DEC	1 280

TOTAL DISCHARGE, 33 500 dam³

NORTH CURRENT RIVER NEAR THUNDER BAY - STATION NO. 02AB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.409B	0.250B	0.268B	4.81	2.67	1.14	1.56	0.114	0.117	0.159	0.572	0.362	1
2	0.405B	0.248B	0.255B	6.54	2.67	3.30	1.26	0.094	0.105	0.167	0.529	0.353	2
3	0.400B	0.246B	0.247B	7.79	4.31	5.06	1.09	0.091	0.075	0.186	0.482	0.358	3
4	0.397B	0.243B	0.238B	6.83	4.12	4.69	0.979	0.091	0.057	0.207	0.465	0.347	4
5	0.395B	0.240B	0.230B	7.18	3.60	3.52	0.885	0.079	0.042	0.299	0.437	0.331	5
6	0.394B	0.238B	0.220B	5.36	3.02	2.90	0.811	0.086	0.036	0.374	0.395	0.334	6
7	0.382B	0.236B	0.213B	3.96	2.72	2.39	0.585	0.110	0.118	0.325	0.384	0.312B	7
8	0.378B	0.234B	0.208B	5.03	2.54	3.18	0.543	0.125	0.135	0.264	0.379	0.302B	8
9	0.372B	0.232B	0.204B	6.60	2.53	3.48	0.464	0.144	0.098	0.239	0.354	0.293B	9
10	0.368B	0.230B	0.201B	7.30	2.49	3.45	0.406	0.117	0.085	0.217	0.367	0.282B	10
11	0.362B	0.229B	0.200B	9.16	2.59	3.03	0.356	0.133	0.070	0.220	0.355	0.273B	11
12	0.353B	0.228B	0.200B	8.24	2.33	2.48	0.319	0.130	0.060	0.204	0.387	0.270B	12
13	0.348B	0.226B	0.200B	7.94	2.09	2.30	0.287	0.095	0.055	0.236	0.402	0.265B	13
14	0.342B	0.225B	0.201B	9.23	1.84	2.58	0.252	0.100	0.054	0.526	0.399	0.262B	14
15	0.333B	0.226B	0.201B	7.03	1.62	2.60	0.243	0.134	0.043	0.514	0.429	0.259B	15
16	0.327B	0.227B	0.201B	6.58	1.47	2.29	0.218	0.108	0.044	0.441	0.462	0.257B	16
17	0.320B	0.229B	0.202B	8.76	1.33	1.92	0.201	0.091	0.043	0.488	0.467	0.254B	17
18	0.312B	0.237B	0.202B	8.01	1.18	1.91	0.200	0.091	0.037	0.793	0.428	0.253B	18
19	0.304B	0.245B	0.203B	6.52	1.06	1.69	0.206	0.084	0.034	0.659	0.394	0.251B	19
20	0.299B	0.261B	0.203B	5.26	0.991	1.55	0.187	0.081	0.036	0.541	0.368	0.249B	20
21	0.293B	0.282B	0.204B	4.48	0.890	1.61	0.177	0.056	0.034	0.463	0.349	0.248B	21
22	0.288B	0.310B	0.208B	4.10	0.856	1.42	0.169	0.044	0.031	0.442	0.322	0.247B	22
23	0.283B	0.328B	0.209	4.68	0.745	1.19	0.136	0.044	0.036	0.439	0.333	0.245B	23
24	0.278B	0.331B	0.215	4.77	0.850	1.71	0.132	0.045	0.058	0.432	0.326	0.243B	24
25	0.273B	0.325B	0.232	4.12	2.73	3.12	0.121	0.048	0.072	0.421	0.323	0.240B	25
26	0.270B	0.318B	0.269	3.73	2.63	2.28	0.112	0.046	0.098	0.410	0.349	0.239B	26
27	0.266B	0.305B	0.348	3.54	1.97	1.65	0.108	0.039	0.213	0.415	0.370	0.238B	27
28	0.263B	0.291B	0.975	3.37	1.51	1.79	0.104	0.035	0.177	0.399	0.363	0.237B	28
29	0.260B		2.39	3.21	1.38	2.51	0.106	0.028	0.121	0.429	0.363	0.234B	29
30	0.256B		2.82	3.00	1.39	2.07	0.103	0.039	0.113	0.520	0.373	0.231B	30
31	0.253B		3.27		1.20		0.110	0.037		0.595		0.229B	31
TOTAL	10.183	7.220	15.437	177.13	63.322	74.81	12.430	2.559	2.297	12.024	11.926	8.498	TOTAL
MEAN	0.328	0.258	0.498	5.90	2.04	2.49	0.401	0.083	0.077	0.388	0.398	0.274	MEAN
MAX	0.409	0.331	3.27	9.23	4.31	5.06	1.56	0.144	0.213	0.793	0.572	0.362	MAX
MIN	0.253	0.225	0.200	3.00	0.745	1.14	0.103	0.028	0.031	0.159	0.322	0.229	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.09
MAXIMUM DAILY, 9.23 ON APR 14
MINIMUM DAILY, 0.028 ON AUG 29
MAXIMUM INSTANTANEOUS,
11.9 AT 11:42 EST ON APR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 30 00 N
LONG 89 10 40 W
DRAINAGE AREA, 112 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	880	JUL	1 070
FEB	624	AUG	221
MAR	1 330	SEP	198
APR	15 300	OCT	1 040
MAY	5 470	NOV	1 030
JUN	6 460	DEC	734

TOTAL DISCHARGE, 34 400 dam³

NORTH FRENCH RIVER NEAR THE MOUTH - STATION NO. 04MF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.62B	2.97B	12.7 B	20.0B	210B	141	90.0E	19.8E	16.2	61.9	67.8	30.5B	1
2	4.50B	2.93B	12.6 B	30.0B	223B	129	100 E	18.5E	22.3	61.7	74.6	29.5B	2
3	4.42B	2.90B	12.3 B	50.0B	243B	115	88.0E	17.2E	25.7	61.0	85.4	28.5B	3
4	4.33B	2.89B	12.1 B	63.0B	329	103	81.0E	16.2E	52.2	60.8	87.7	28.0B	4
5	4.24B	2.87B	11.8 B	74.0B	474	95.9	74.0E	15.4E	79.0	61.3	88.4	27.0B	5
6	4.15B	2.85B	11.6 B	86.3B	625	92.1	70.0E	15.0E	77.7	59.4	87.9	26.5B	6
7	4.05B	2.84B	11.3 B	91.0B	624	91.5	67.5E	14.8E	70.6	59.6	84.5B	25.5B	7
8	4.00B	2.83B	11.0 B	98.0B	593	101	64.0E	14.6E	65.0	81.9	79.5B	25.0B	8
9	3.95B	2.81B	10.8 B	106 B	581	124	61.0E	14.4E	63.7	121	75.0B	24.5B	9
10	3.85B	2.80B	10.6 B	114 B	529	164	59.0E	14.4E	62.2	134	71.0B	23.5B	10
11	3.80B	2.80B	10.4 B	122 B	482	192	57.5E	14.5E	62.0	128	68.0B	23.0B	11
12	3.70B	2.80B	10.3 B	133 B	443	199	56.0E	14.8E	61.7	114	64.5B	22.5B	12
13	3.65B	2.79B	10.1 B	142 B	415	192	56.0E	15.2E	60.7	101	61.0B	22.0B	13
14	3.60B	2.79B	10.0 B	154 B	435	175	57.0E	15.8E	58.1	90.5	58.5B	21.5B	14
15	3.54B	2.78B	9.80B	162 B	469	161	58.0E	16.2E	54.9	89.7	55.0B	21.0B	15
16	3.50B	2.79B	9.70B	171 B	464	159	57.0E	18.5E	51.9	103	53.0B	20.5B	16
17	3.47B	2.85B	9.60B	178 B	421	246	55.5E	22.0E	50.3	112	51.0B	20.0B	17
18	3.42B	2.95B	9.50B	180 B	370	308	53.0E	25.0E	49.8	117	49.0B	19.5B	18
19	3.37B	3.10B	9.40B	180 B	331	304	48.0E	27.5E	49.6	145	47.0B	19.0B	19
20	3.32B	3.32B	9.30B	178 B	302	286	43.0E	30.0E	49.3	165	45.0B	18.5B	20
21	3.29B	3.70B	9.20B	176 B	283	250	39.0E	24.5E	52.2	165	43.0B	18.2B	21
22	3.25B	4.20B	9.20B	170 B	269	207	36.0E	22.5E	59.1	149	41.5B	17.8B	22
23	3.22B	4.80B	9.20B	168 B	258	173	34.0E	22.0E	62.1	133	40.0B	17.3B	23
24	3.20B	5.80B	9.20B	165 B	246	142	31.5E	20.8E	61.4	115	38.5B	17.0B	24
25	3.15B	7.00B	9.30B	163 B	228	122	30.8E	19.6E	58.6	99.0	37.5B	16.7B	25
26	3.12B	9.00B	9.50B	163 B	212	105	30.3E	19.0E	53.2	90.0B	36.0B	16.2B	26
27	3.09B	11.4 B	9.80B	169 B	196	93.3	29.5E	18.2E	49.7	81.0B	35.0B	15.8B	27
28	3.05B	12.3 B	10.1 B	178 B	181	82.9	29.0E	17.6A	48.3	77.0B	33.5B	15.4B	28
29	3.03B		11.0 B	190 B	164	71.8	27.0E	15.9	49.6	73.0B	32.5B	15.2B	29
30	3.00B		12.5 B	202 B	152	78.5E	24.5E	16.0	57.5	71.0B	31.5B	14.9B	30
31	2.99B		15.0 B		149		22.0E	15.9		69.7		14.6B	31
TOTAL	111.87	115.86	328.90	4 076.3	10 901	4 704.0	1 629.1	571.8	1 634.6	3 050.5	1 722.8	655.1	TOTAL
MEAN	3.61	4.14	10.6	136	352	157	52.6	18.4	54.5	98.4	57.4	21.1	MEAN
MAX	4.62	12.3	15.0	202	625	308	100	30.0	79.0	165	88.4	30.5	MAX
MIN	2.99	2.78	9.20	20.0	149	71.8	22.0	14.4	16.2	59.4	31.5	14.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 80.8
MAXIMUM DAILY, 625 ON MAY 6
MINIMUM DAILY, 2.78B ON FEB 15
MAXIMUM INSTANTANEOUS,
641 AT 02:27 EST ON MAY 7

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 05 00 N
LONG 80 46 00 W
DRAINAGE AREA, 6 680 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9 670	JUL	141 000
FEB	10 000	AUG	49 400
MAR	28 400	SEP	141 000
APR	352 000	OCT	264 000
MAY	942 000	NOV	149 000
JUN	406 000	DEC	56 600

TOTAL DISCHARGE, 2 550 000 dam³

NORTH MAGNETAWAN RIVER ABOVE PICKEREL LAKE - STATION NO. 02EA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.17 B	0.870B	7.30B	21.1	4.56	2.13	2.05	1.46	3.96	3.46	2.58	2.51	1
2	1.15 B	0.860B	5.60B	21.3	3.86	1.97	1.87	2.10	4.99	4.49	2.48	2.65	2
3	1.14 B	0.860B	4.40B	20.6	3.35	2.06	1.77	1.15	5.09	5.43	2.36	3.21	3
4	1.13 B	0.850B	3.90B	22.4	3.06	2.03	1.70	1.08	5.33	5.08	2.28	3.34	4
5	1.13 B	0.840B	3.50B	30.3	2.82	1.86	14.1	1.78	10.5	4.29	2.36	3.02	5
6	1.12 B	0.840B	3.10B	24.7	2.79	1.89	10.5	2.01	8.48	4.44	2.36	2.44	6
7	1.11 B	0.830B	2.65B	13.4	2.60	2.22	5.62	1.68	6.19	10.5	2.25	2.42	7
8	1.10 B	0.820B	2.50B	8.78	2.42	2.03	3.84	2.16	5.19	16.7	2.16	2.42	8
9	1.09 B	0.820B	2.35B	14.8	2.24	1.95	2.88	3.54	4.46	14.4	2.10	2.19	9
10	1.09 B	0.830B	2.23B	18.9	2.29	1.98	2.41	3.12	9.50	8.33	1.99	2.02	10
11	1.08 B	0.870B	2.10B	12.7	5.22	1.59	2.00	2.54	18.0	5.66	1.97	2.03	11
12	1.07 B	0.940B	2.00B	8.69	12.1	1.51	1.73	2.05	17.1	4.50	1.92	2.00	12
13	1.05 B	1.47 B	1.90B	6.22	11.7	1.82	1.60	1.71	11.8	3.81	1.97	1.94	13
14	1.04 B	1.65 B	1.81B	5.67	7.97	1.72	1.70	1.46	7.12	3.39	1.90	1.90	14
15	1.03 B	1.70 B	1.75B	6.26	5.89	1.65	1.57	1.41	4.99	3.29	1.84	1.90	15
16	1.02 B	1.66 B	1.70B	5.10	5.42	3.66	1.33	1.53	3.87	3.57	1.83	1.84	16
17	1.02 B	1.80 B	1.67B	4.53	4.65	4.60	1.35	1.34	3.29	3.47	1.99	1.62	17
18	1.01 B	2.20 B	1.62E	4.28	3.97	3.38	1.82	1.14	2.80	5.20	2.62	1.56B	18
19	1.00 B	3.10	1.59B	3.83	3.46	2.63	1.72	0.987	2.51	10.4	2.66	1.53B	19
20	0.990B	4.25	1.58B	3.56	3.07	2.14	1.43	0.915	2.71	8.99	2.54	1.49B	20
21	0.980B	6.25	1.53B	3.28	2.85	1.83	1.61	0.843	2.63	6.81	2.50	1.48B	21
22	0.960B	8.39	1.51B	2.95	2.65	2.63	1.68	0.771	2.41	5.41	2.36	1.48B	22
23	0.950B	13.8	1.49B	2.84	2.43	6.51	1.38	0.736	2.22	4.56	1.67	1.48B	23
24	0.940B	24.3	1.48B	2.88	2.28	5.39	1.21	0.878	2.01	4.08	2.04	1.48B	24
25	0.930B	28.6	1.50B	3.01	2.62	4.78	1.07	0.991	1.90	3.72	1.95	1.47B	25
26	0.920B	21.6	1.57B	3.12	3.27	4.28	1.61	0.897	1.86	3.45	1.92	1.45B	26
27	0.910B	14.6	1.63B	3.04	3.08	3.59	2.92	0.812	4.37	3.26	2.42	1.43B	27
28	0.900B	10.3	1.90B	2.93	2.74	2.91	2.34	0.767	6.71	3.07	3.08	1.43B	28
29	0.900B		2.40B	4.34	2.48	2.38	2.20	1.50	5.01	2.88	2.98	1.43B	29
30	0.880B		8.04	5.54	2.51	2.07	2.07	3.78	3.98	2.78	2.58	1.44B	30
31	0.880B		19.1		2.48		1.76	4.26		2.70		1.44B	31
TOTAL	31.690	155.900	97.40	291.05	122.83	81.19	82.87	51.397	170.98	172.12	67.66	60.04	TOTAL
MEAN	1.02	5.57	3.14	9.70	3.96	2.71	2.67	1.66	5.70	5.55	2.26	1.94	MEAN
MAX	1.17	28.6	19.1	30.3	12.1	6.51	14.1	4.26	18.0	16.7	3.08	3.34	MAX
MIN	0.880	0.820	1.48	2.84	2.24	1.51	1.07	0.736	1.86	2.70	1.67	1.43	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.79
MAXIMUM DAILY, 30.3 ON APR 5
MINIMUM DAILY, 0.736 ON AUG 23
MAXIMUM INSTANTANEOUS,
31.8 AT 15:12 EST ON APR 5

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 42 12 N
LONG 79 18 33 W
DRAINAGE AREA, 149 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 740	JUL	7 160
FEB	13 500	AUG	4 440
MAR	8 420	SEP	14 800
APR	25 100	OCT	14 900
MAY	10 600	NOV	5 850
JUN	7 010	DEC	5 190

TOTAL DISCHARGE, 120 000 dam³

NORTH MAGNETAWAN RIVER NEAR BURK'S FALLS - STATION NO. 02EA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.00B	1.89B	23.7	21.4	8.42	5.65	5.95	3.20	5.97	8.86	6.53	4.73	1
2	2.97B	1.88B	19.9	29.5	8.29	5.32	5.48	3.08	7.67	8.99	6.25	4.93	2
3	2.92B	1.87B	16.7	34.4	8.11	5.09	5.05	3.02	8.97	9.24	5.95	5.28	3
4	2.86B	1.86B	14.3	39.2	7.75	4.92	4.67	2.98	11.0	9.47	5.67	5.54	4
5	2.82B	1.84B	12.7	46.1	7.39	4.68	5.26	3.33	13.5	9.47	5.40	5.66	5
6	2.75B	1.83B	11.4	50.2	7.02	4.95	7.84	3.12	15.1	9.77	5.29	5.58	6
7	2.69B	1.82B	10.3	43.2	6.58	4.77	9.14	3.05	15.9	11.8	5.11	5.40	7
8	2.66B	1.81B	9.35	33.8	6.28	4.60	8.92	3.70	15.3	15.6	4.90	5.25	8
9	2.57B	1.82B	8.59	31.1	5.94	4.47	8.13	4.31	14.2	20.2	4.71	5.05	9
10	2.51B	1.83B	7.90	32.2	5.83	4.38	7.28	4.77	16.7	20.7	4.49	4.86	10
11	2.47B	1.92B	7.43	31.5	7.44	4.16	6.40	4.95	19.3	18.4	4.29	4.70	11
12	2.43B	2.20B	6.87	27.1	9.93	4.03	5.67	4.86	25.3	15.9	4.10	4.55	12
13	2.38B	2.39B	6.50	22.5	12.8	3.96	5.04	4.69	26.6	13.8	3.99	4.42	13
14	2.33B	2.47B	6.09	19.4	14.5	3.87	4.47	4.43	23.9	12.1	3.92	4.30	14
15	2.29B	2.55B	5.73	17.4	14.3	3.87	4.02	4.38	19.9	10.8	3.83	4.22	15
16	2.24B	2.70B	5.48	15.7	13.8	4.52	3.70	4.15	16.3	10.0	3.78	4.12	16
17	2.21B	3.00B	5.10B	14.2	12.9	5.05	3.42	3.87	13.7	9.40	3.90	3.98	17
18	2.19B	3.70B	4.98B	13.0	11.8	5.32	3.31	3.64	11.8	9.98	4.02	3.86	18
19	2.17B	4.47	4.81	11.8	10.6	5.29	3.26	3.35	10.2	11.6	4.16	3.70	19
20	2.12B	5.24	4.68	10.8	9.64	5.08	3.24	3.11	9.09	13.1	4.37	3.54	20
21	2.11B	6.44	4.51	9.89	8.76	4.75	3.17	2.87	8.30	13.6	4.40	3.40	21
22	2.07B	8.35	4.32	9.07	8.05	5.49	3.00	2.67	7.67	13.1	4.37	3.33	22
23	2.04B	13.1	4.22	8.47	7.37	6.38	2.89	2.49	6.96	12.3	4.25	3.24	23
24	2.02B	21.3	4.12	7.97	6.82	7.24	2.76	2.40	6.39	11.4	4.11	3.28	24
25	2.00B	31.0	4.14	7.68	6.65	7.77	2.61	2.29	5.90	10.5	3.98	3.33	25
26	1.98B	35.7	4.21	7.39	6.55	7.98	2.93	2.19	5.44	9.62	3.94	3.30	26
27	1.97B	33.1	4.38	7.16	6.46	7.87	3.08	2.10	6.78	8.90	4.21	3.26	27
28	1.95B	28.3	4.60	6.93	6.28	7.50	3.26	1.98	7.81	8.19	4.56	3.18	28
29	1.93B		5.19	7.47	6.01	6.94	3.41	2.52	8.70	7.69	4.71	3.12	29
30	1.92B		7.51	8.01	6.17	6.45	3.40	3.49	8.94	7.29	4.74	3.12	30
31	1.91B		13.0		5.93		3.35	4.89		6.85		3.07	31
TOTAL	72.48	226.38	252.71	624.54	264.37	162.35	144.11	105.88	373.29	358.62	137.93	129.30	TOTAL
MEAN	2.34	8.09	8.15	20.8	8.53	5.41	4.65	3.42	12.4	11.6	4.60	4.17	MEAN
MAX	3.00	35.7	23.7	50.2	14.5	7.98	9.14	4.95	26.6	20.7	6.53	5.66	MAX
MIN	1.91	1.81	4.12	6.93	5.83	3.87	2.61	1.98	5.44	6.85	3.78	3.07	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.81
MAXIMUM DAILY, 50.2 ON APR 6
MINIMUM DAILY, 1.81B ON FEB 8
MAXIMUM INSTANTANEOUS,
50.9 AT 09:07 EST ON APR 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 40 10 N
LONG 79 22 43 W
DRAINAGE AREA, 321 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 260	JUL	12 500
FEB	19 600	AUG	9 150
MAR	21 800	SEP	32 300
APR	54 000	OCT	31 000
MAY	22 800	NOV	11 900
JUN	14 000	DEC	11 200

TOTAL DISCHARGE, 247 000 dam³

NORTH SAUGEEN RIVER NEAR PAISLEY - STATION NO. 02FC013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.10B	1.70B	12.4	9.37	4.86	4.35	2.41	2.11	8.91	2.68	2.33	6.98	1
2	3.05B	1.85B	10.7	9.22	4.60	3.85	3.12	2.07	13.6	2.73	2.95	12.2	2
3	3.00B	1.65B	9.55	8.20	4.49	3.68	2.74	1.98	9.11	2.66	3.11	6.94	3
4	2.90B	1.54B	8.54B	7.65	4.46	3.47	2.59	2.02	13.9	3.15	2.85	5.91	4
5	2.85B	1.50B	7.44B	7.32	4.20	3.55	6.36	1.90	8.86	3.55	2.78	5.25	5
6	2.80B	1.46B	6.80B	7.08	4.10	3.29	5.57	2.20	6.77	3.55	2.74	5.05	6
7	2.70B	1.42B	7.24B	6.52	3.99	3.34	3.80	1.73	5.82	5.16	2.88	4.92	7
8	2.62B	1.39B	7.39	6.13	3.83	3.32	2.89	2.05	5.13	5.59	3.04	4.65B	8
9	2.53B	1.36B	7.92	7.40	3.61	3.04	2.81	2.44	4.77	5.20	3.25	4.19B	9
10	2.42B	1.32B	7.63	6.90	4.86	3.11	1.98	2.37	4.23	4.73	3.38	3.62B	10
11	2.35B	1.89B	7.32	6.69	12.4	4.05	1.91	1.89	3.70	4.26	3.20	3.39B	11
12	2.28B	3.60B	7.14	6.70	8.98	4.64	2.00	1.93	3.12	3.75	3.12	3.34B	12
13	2.18B	4.10B	6.95	6.58	8.03	4.25	2.02	1.75	2.90	3.48	3.06	3.31B	13
14	2.05B	4.38B	6.31	8.19	7.48	4.01	1.92	1.72	2.86	3.04	2.89	3.29B	14
15	2.00B	4.50B	5.90B	7.25	6.92	3.82	1.76	1.98	1.79	2.88	2.74	3.25B	15
16	1.92B	4.59B	5.20B	6.74	6.23	3.69	1.88	2.42	2.14	2.86	2.96	3.11B	16
17	1.84B	6.05B	4.48B	7.06	6.08	3.60	1.66	2.44	2.20	2.68	2.94	3.00B	17
18	1.76B	8.10B	4.22B	8.04	5.79	3.35	1.51	2.35	2.13	3.21	3.02	2.88B	18
19	1.72B	15.6 B	3.72B	6.86	5.37	3.30	1.67	2.21	2.12	4.53	3.12	2.72B	19
20	1.68B	29.0 B	3.87B	6.66	4.63	2.39	1.88	2.14	2.33	4.94	3.59	2.57B	20
21	1.62B	28.4 B	4.51B	6.14	4.32	2.69	1.55	1.62	2.47	4.82	5.06	2.46B	21
22	1.56B	26.0 B	5.78	5.80	4.49	2.96	1.82	1.40	2.40	4.71	5.06	2.65B	22
23	1.52B	34.0 B	7.11	5.31	3.47	3.38	1.69	1.53	2.22	4.63	4.72	2.88B	23
24	1.48B	25.2	7.13	5.37	3.67	3.42	1.85	1.70	2.18	4.55	4.21	2.67B	24
25	1.48B	19.8	7.07	5.17	3.52	3.51	1.08	1.68	2.27	4.41	3.86	2.48B	25
26	1.57B	18.0	6.64	5.07	3.59	3.22	1.52	1.38	2.25	4.43	3.55	2.39B	26
27	1.68B	15.0	7.05	5.24	3.57	2.77	1.85	1.74	2.63	4.33	8.21	2.20B	27
28	1.83B	15.6	6.81	5.09	3.81	2.72	2.00	2.77	3.09	4.11	6.00	2.12B	28
29	1.92B		7.44	5.14	3.59	2.67	2.34	3.61	3.30	4.69	5.98	2.05B	29
30	1.78B		8.33	5.07	3.83	2.64	2.65	4.06	2.64	3.76	5.81	1.98B	30
31	1.63B		8.86		4.32		2.57	4.83		1.46		1.89B	31
TOTAL	65.78	279.00	217.45	199.96	157.09	102.08	73.40	68.02	131.84	120.53	112.41	116.34	TOTAL
MEAN	2.12	9.96	7.01	6.67	5.07	3.40	2.37	2.19	4.39	3.89	3.75	3.75	MEAN
MAX	3.10	34.0	12.4	9.37	12.4	4.64	6.36	4.83	13.9	5.59	8.21	12.2	MAX
MIN	1.44	1.32	3.72	5.07	3.47	2.39	1.08	1.38	1.79	1.46	2.33	1.89	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.50
MAXIMUM DAILY, 34.0B ON FEB 23
MINIMUM DAILY, 1.08 ON JUL 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 19 04 N
LONG 81 14 46 W
DRAINAGE AREA, 262 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 680	JUL	6 340
FEB	24 100	AUG	5 880
MAR	18 800	SEP	11 400
APR	17 300	OCT	10 400
MAY	13 600	NOV	9 710
JUN	8 820	DEC	10 100

TOTAL DISCHARGE, 142 000 dam³

NORTH THAMES RIVER AT ST. MARYS - STATION NO. 02GD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.00B	1.60B	52.1	26.9	15.5	3.01	2.47	2.62	23.2	16.2	21.5	11.9	1
2	1.90B	2.00B	34.5	16.3	11.9	2.82	2.38	2.29	25.9	39.8	18.7	20.6	2
3	1.80B	2.30B	23.9	14.0	9.84	2.69	2.19	2.10	29.1	28.4	17.4	24.0	3
4	1.70B	2.60B	19.3	12.3	8.48	2.59	2.47	2.04	103	19.8	17.0	19.3	4
5	1.65B	2.70B	17.1	10.3	7.89	2.42	2.84	2.99	78.5	15.0	15.4	15.3	5
6	1.55B	2.70B	14.6	8.43	7.39	2.29	2.69	1.98	38.4	17.0	15.6	13.1	6
7	1.50B	2.60B	13.1	7.66	6.58	2.09	2.23	1.31	25.5	43.1	14.9	12.1	7
8	1.45B	2.50B	12.5	7.76	6.10	2.10	2.07	1.89	17.8	37.2	13.5	11.9	8
9	1.40B	2.35B	13.3	6.25	5.91	2.21	1.92	1.95	12.5	23.7	12.4	10.3	9
10	1.35B	2.22B	15.4	5.45	6.60	2.05	1.85	1.23	9.41	17.6	12.5	8.20B	10
11	1.33B	2.19B	16.4	5.67	21.8	1.98	1.72	0.104	7.85	14.2	6.25	6.20B	11
12	1.32B	3.50B	15.5	5.56	43.5	1.91	1.65	1.15	6.55	12.0	5.72	5.00B	12
13	1.31B	9.50B	19.2	5.11	27.4	1.96	1.62	1.67	5.76	10.6	4.96	4.40B	13
14	1.29B	15.5 B	14.3	12.7	19.1	2.28	1.60	1.62	5.97	9.80	4.36	3.90B	14
15	1.24B	15.3 B	12.7	20.7	17.1	2.20	1.55	1.94	5.33	9.15	4.25	3.60B	15
16	1.22B	15.0 B	11.0 B	13.1	14.5	2.21	1.56	2.03	5.49	8.78	4.27	3.40B	16
17	1.20B	30.0 B	8.40B	14.3	14.6	2.26	1.58	1.77	5.43	8.59	7.94	3.20B	17
18	1.20B	70.0 B	7.80B	17.5	11.8	1.91	1.73	1.64	5.52	11.5	4.23	3.05B	18
19	1.18B	140	7.30B	13.3	9.79	1.82	1.82	1.58	5.20	25.7	4.05	2.95B	19
20	1.18B	167	7.00B	10.9	9.34	1.85	1.78	1.51	5.01	29.7	9.60	2.85B	20
21	1.18B	162	6.65B	9.08	7.06	2.52	1.79	1.49	5.23	24.0	31.8	2.80B	21
22	1.18B	147	6.60B	8.04	6.11	7.58	1.73	1.49	8.43	41.8	24.8	3.20B	22
23	1.18B	239	7.96	9.70	5.80	11.8	1.80	1.43	8.73	77.0	16.0	3.70B	23
24	1.19B	171	8.83	14.0	5.32	8.97	1.72	1.34	7.90	53.6	12.0	4.10B	24
25	1.20B	81.0	9.87	12.9	4.91	6.25	1.71	1.40	7.10	46.8	9.47	3.70B	25
26	1.40B	50.7	10.4	10.1	4.65	4.78	1.72	1.40	6.83	46.8	8.09	2.29	26
27	1.60B	38.2	31.7	8.44	4.36	3.92	3.48	1.41	7.27	45.0	14.8	2.12	27
28	1.80B	52.6	30.2	13.2	4.30	3.35	2.84	1.63	7.64	73.4	23.6	2.05	28
29	1.90B		21.3	27.9	4.02	2.93	4.31	1.79	7.45	46.4	16.6	2.00B	29
30	1.60B		24.8	21.7	3.75	2.64	3.66	4.99	6.92	32.9	12.8	2.00B	30
31	1.40B		40.4		3.41		3.24	42.6		25.7		2.00B	31
TOTAL	44.40	1 433.06	534.11	369.25	328.81	99.39	67.72	96.384	494.92	911.22	384.49	215.21	TOTAL
MEAN	1.43	51.2	17.2	12.3	10.6	3.31	2.18	3.11	16.5	29.4	12.8	6.94	MEAN
MAX	2.00	239	52.1	27.9	43.5	11.8	4.31	42.6	103	77.0	31.8	24.0	MAX
MIN	1.18	1.60	6.60	5.11	3.41	1.82	1.55	0.104	5.01	8.59	4.05	2.00	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.6
MAXIMUM DAILY, 239 ON FEB 23
MINIMUM DAILY, 0.104 ON AUG 11
MAXIMUM INSTANTANEOUS,
299 AT 18:34 EST ON FEB 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 15 18 N
LONG 81 08 43 W
DRAINAGE AREA, 1 080 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 840	JUL	5 850
FEB	124 000	AUG	8 330
MAR	46 100	SEP	42 800
APR	31 900	OCT	78 700
MAY	28 400	NOV	33 200
JUN	8 590	DEC	18 600

TOTAL DISCHARGE, 430 000 dam³

NORTH THAMES RIVER BELOW FANSHAWE DAM - STATION NO. 02GD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.45B	2.87	79.7	38.1	22.8	4.31	3.76	3.39	39.1	10.1	25.9	16.5	1
2	3.33B	2.98	53.0	25.0	17.6	4.15	3.50	2.95	28.2	35.2	22.2	20.5	2
3	3.25B	2.84	35.7	17.8	14.1	4.19	3.40	2.86	26.5	37.6	19.4	29.5	3
4	3.13B	2.75	25.8	15.7	12.0	4.27	3.36	2.66	89.5	24.6	18.7	26.5	4
5	3.05B	2.77	22.6	13.9	10.8	4.01	3.39	2.63	142	18.3	17.9	21.6	5
6	2.95B	3.15	19.5	11.9	10.0	3.83	3.75	2.78	66.9	17.4	18.0	18.3	6
7	2.88B	3.16	17.4	9.93	9.00	3.52	3.55	2.53	35.2	32.2	18.2	16.4	7
8	2.80B	3.13	15.8	9.52	8.46	3.43	3.12	2.27	23.6	47.9	17.1	15.8	8
9	2.72B	3.08	15.6	8.81	8.01	3.61	2.93	2.24	16.5	32.2	15.8	14.8	9
10	2.63B	3.14	17.6	7.48	8.05	3.49	2.45	2.34	12.1	19.1	15.2	11.1	10
11	2.60B	3.60	19.6	7.33	10.3	3.36	2.15	2.38	9.42	16.0	12.2	9.02	11
12	2.52B	4.06	19.4	7.42	34.8	3.12	2.24	1.80	7.94	13.8	9.04	8.79	12
13	2.50B	5.21	20.8	6.95	33.8	3.08	2.32	1.53	6.60	11.9	8.12	8.37	13
14	2.48B	5.95	20.5	10.5	22.8	3.36	2.33	2.20	11.9	10.5	7.09	7.77	14
15	2.45B	6.96	17.0	22.6	18.3	3.43	2.21	2.42	12.1	9.76	6.64	7.24	15
16	2.43B	7.55	15.6	20.0	16.5	3.43	1.77	2.48	7.90	9.17	6.54	6.76	16
17	2.41B	9.84	14.2	17.0	15.4	3.34	1.64	2.40	6.73	8.85	7.71	5.62	17
18	2.41B	43.0	11.3	20.9	13.9	3.14	2.21	2.20	6.66	9.73	8.66	4.58	18
19	2.40B	202	11.1	19.0	12.0	2.92	2.56	2.11	6.53	18.6	6.70	3.66	19
20	2.40B	268	11.3	15.6	10.6	2.82	2.73	2.03	6.24	29.7	8.29	3.82	20
21	2.40B	256	10.0	12.8	9.64	4.10	2.55	1.95	6.22	27.2	27.4	3.81	21
22	2.40B	258	9.29	11.1	8.16	5.67	2.27	1.92	11.5	35.0	37.8	3.75	22
23	2.40B	293	9.62	12.3	7.09	10.8	2.17	1.95	14.0	94.4	25.8	5.14	23
24	2.40B	308	10.8	17.6	6.80	12.3	2.09	1.90	11.3	84.4	18.4	5.12	24
25	2.40B	254	11.4	19.6	6.59	9.64	2.09	1.84	9.48	57.3	15.1	4.91	25
26	2.42B	159	12.1	15.9	6.26	6.95	2.12	1.84	8.31	55.6	12.4	4.54	26
27	2.46B	63.0	19.9	12.9	6.00	5.45	2.11	1.84	7.73	50.1	13.7	4.45	27
28	2.65B	56.2	39.3	14.5	6.01	4.72	3.44	1.99	7.69	83.6	24.8	4.23	28
29	2.98		28.5	32.7	5.57	4.26	3.99	2.13	7.83	72.5	24.0	4.06	29
30	3.02		24.4	32.0	5.38	4.08	3.96	2.39	7.57	47.5	18.7	3.90	30
31	2.86		41.8		4.95		3.74	18.6		34.9		3.79	31
TOTAL	83.18	2 233.24	680.61	486.84	381.67	138.78	85.88	86.55	653.15	1 055.11	487.59	304.33	TOTAL
MEAN	2.68	79.8	22.0	16.2	12.3	4.63	2.77	2.79	21.8	34.0	16.3	9.82	MEAN
MAX	3.45	308	79.7	38.1	34.8	12.3	3.99	18.6	142	94.4	37.8	29.5	MAX
MIN	2.40	2.75	9.29	6.95	4.95	2.82	1.64	1.53	6.22	8.85	6.54	3.66	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.3
MAXIMUM DAILY, 308 ON FEB 24
MINIMUM DAILY, 1.53 ON AUG 13
MAXIMUM INSTANTANEOUS,
365 AT 00:36 EST ON FEB 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 02 20 N
LONG 81 11 05 W
DRAINAGE AREA, 1 450 km²

B - ICE CONDITIONS

REGULATED SINCE 1953

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 190	JUL	7 420
FEB	193 000	AUG	7 480
MAR	58 800	SEP	56 400
APR	42 100	OCT	91 200
MAY	33 000	NOV	42 100
JUN	12 000	DEC	26 300

TOTAL DISCHARGE, 577 000 dam³

NORTH THAMES RIVER NEAR MITCHELL - STATION NO. 02GD014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.350B	0.315B	18.3	6.49	3.93	0.435	0.327	0.293	8.22	7.58	4.45	4.56	1
2	0.345B	0.370B	10.1	3.50	2.80	0.392	0.283	0.187	8.90	16.5	3.73	9.51	2
3	0.340B	0.410B	5.89	3.71	2.08	0.392	0.233	0.181	6.27	9.07	3.05	9.74	3
4	0.335B	0.420B	4.60B	3.12	1.68	0.387	0.192	0.178	44.1	5.63	2.60	7.07	4
5	0.330B	0.405B	3.40B	2.41	1.44	0.358	0.189	0.181	30.4	4.17	2.34	5.26	5
6	0.325B	0.375B	2.60B	1.79	1.26	0.306	0.181	0.179	14.9	8.51	2.42	4.30	6
7	0.325B	0.350B	2.20B	1.53	0.956	0.272	0.153	0.150	10.2	22.5	2.29	3.93	7
8	0.315B	0.340B	2.10B	1.55	0.858	0.258	0.124	0.116	5.86	13.5	2.02	3.66	8
9	0.312B	0.335B	3.16	1.42	0.803	0.274	0.103	0.095	3.76	7.46	4.17	2.65 B	9
10	0.310B	0.340B	4.18	1.14	1.40	0.262	0.096	0.094	2.49	5.05	1.94	2.25 B	10
11	0.308B	0.360B	4.27	1.18	17.1	0.249	0.093	0.083	1.66	3.70	1.41	1.88 B	11
12	0.306B	0.400B	4.04	1.09	17.1	0.215	0.084	0.091	1.19	2.81	1.06	1.56 B	12
13	0.303B	0.873B	5.93	1.01	8.84	0.229	0.083	0.081	0.854	2.21	0.921	1.48	13
14	0.300B	1.00 B	3.10B	4.58	6.12	0.264	0.070	0.087	0.680	1.82	1.04	1.33	14
15	0.300B	1.10 B	2.60B	6.07	4.27	0.260	0.051	0.212	0.585	1.77	1.01	1.27	15
16	0.300B	1.40 B	2.00B	3.79	4.84	0.245	0.058	0.166	0.469	1.86	1.07	1.15	16
17	0.300B	5.00 B	1.60B	3.84	4.17	0.237	0.048	0.118	0.505	1.85	1.09	1.01	17
18	0.300B	15.0 B	1.40B	3.76	3.05	0.205	0.048	0.094	0.435	5.29	1.06	0.900B	18
19	0.300B	90.0 B	1.25B	2.78	2.37	0.180	0.066	0.094	0.409	13.0	0.998	0.840B	19
20	0.300B	88.0 B	1.20B	2.35	1.85	0.160	0.049	0.068	0.377	12.4	4.19	0.780B	20
21	0.300B	82.1	1.10B	1.82	1.45	0.241	0.044	0.059	0.441	8.17	16.2	0.740B	21
22	0.300B	76.6	1.05B	1.65	1.18	1.33	0.032	0.056	0.810	19.3	9.74	1.06	22
23	0.300B	121	1.60B	1.82	0.984	3.96	0.043	0.032	1.05	28.6	6.03	1.03	23
24	0.300B	66.8	2.50B	2.16	0.861	2.58	0.040	0.033	0.890	18.6	4.40	0.800B	24
25	0.300B	31.7	3.34	1.84	0.865	1.60	0.047	0.021	0.726	15.5	3.31	0.660B	25
26	0.310B	18.8	3.56	1.34	0.778	1.09	0.076	0.014	0.680	12.6	2.87	0.580B	26
27	0.320B	12.9	14.6	1.18	0.708	0.818	0.054	0.020	0.923	11.4	12.0	0.530B	27
28	0.330B	22.0	10.3	4.17	0.679	0.634	0.221	0.062	1.11	20.5	12.0	0.500B	28
29	0.340B		6.85	8.40	0.649	0.464	0.572	0.096	0.944	12.3	6.91	0.480B	29
30	0.325B		8.02	5.66	0.559	0.387	0.723	0.928	0.845	7.64	5.15	0.475B	30
31	0.310B		13.1		0.458		0.439	13.4		5.49		0.470B	31
TOTAL	9.739	638.693	149.94	87.15	96.088	18.684	4.822	17.469	150.683	306.78	121.469	72.455	TOTAL
MEAN	0.314	22.8	4.84	2.91	3.10	0.623	0.156	0.564	5.02	9.90	4.05	2.34	MEAN
MAX	0.350	121	18.3	8.40	17.1	3.96	0.723	13.4	44.1	28.6	16.2	9.74	MAX
MIN	0.300	0.315	1.05	1.01	0.458	0.160	0.032	0.014	0.377	1.77	0.921	0.470	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.59
MAXIMUM DAILY, 121 ON FEB 23
MINIMUM DAILY, 0.014 ON AUG 26
MAXIMUM INSTANTANEOUS,
146 AT 14:06 EST ON FEB 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 27 00 N
LONG 81 12 20 W
DRAINAGE AREA, 319 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	841	JUL	417
FEB	55 200	AUG	1 510
MAR	13 000	SEP	13 000
APR	7 530	OCT	26 500
MAY	8 300	NOV	10 500
JUN	1 610	DEC	6 260

TOTAL DISCHARGE, 145 000 dam³

NORTH THAMES RIVER NEAR THORNDALE - STATION NO. 02GD015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.55B	2.20B	64.8	30.9	19.3	3.49	2.89	2.74	34.8	14.9	24.1	15.3	1
2	2.50B	2.50B	42.1	20.5	15.0	3.06	2.78	2.37	28.8	43.8	20.8	23.6	2
3	2.40B	2.70B	30.2 E	16.5	12.4	2.75	2.67	2.27	27.3	31.3	18.7	28.6	3
4	2.32B	2.85B	24.3 E	14.8	10.8	2.64	2.63	2.08	112	21.5	18.6	24.0	4
5	2.25B	2.90B	21.0	13.1	10.0	2.47	3.45	2.50	111	16.4	17.2	19.7	5
6	2.20B	2.90B	18.1	11.0	9.52	2.28	3.44	2.60	51.1	17.0	17.7	16.9	6
7	2.15B	2.80B	16.2	9.55	8.74	2.06	2.77	1.58	29.8	39.3	17.8	15.5	7
8	2.10B	2.65B	15.1	9.92	8.17	2.05	2.39	1.73	21.6	42.4	16.2	15.2	8
9	2.05B	2.55B	15.8	8.31	8.21	2.26	2.25	2.00	14.9	26.6	14.8	14.1	9
10	2.01B	2.55B	18.4	7.42	8.83	2.16	2.08	2.00	11.2	19.6	15.4	10.3 B	10
11	2.00B	3.10B	19.8	7.41	17.4	2.00	1.96	0.969	9.26	15.6	9.39	9.80B	11
12	1.90B	5.00B	18.9	7.57	46.6	2.02	1.92	0.633	7.64	13.1	8.33	8.40B	12
13	1.81B	10.0 B	22.0	6.92	31.9	2.11	1.90	1.69	6.57	11.3	7.43	7.60B	13
14	1.78B	16.8 B	18.2	14.2	22.6	2.46	1.81	1.70	19.1	10.2	6.55	7.26	14
15	1.75B	16.6 B	15.6	24.8	20.2	2.55	1.81	2.12	9.44	9.46	6.36	6.83	15
16	1.70B	16.5 B	13.5 B	16.9	17.4	2.59	1.74	2.27	7.13	9.21	6.26	5.98	16
17	1.68B	40.0 B	11.4 B	16.9	17.7	2.69	1.74	1.95	6.77	8.89	9.32	5.46	17
18	1.65B	93.0 B	9.80B	21.4	15.5	2.48	1.86	1.82	7.10	11.0	6.88	5.00B	18
19	1.63B	190 B	9.20B	17.0	13.6	2.38	2.00	1.77	6.60	24.3	5.96	4.70B	19
20	1.62B	220 B	8.80B	14.1	12.5	2.34	1.97	1.69	6.08	30.3	10.6	4.50B	20
21	1.62B	215 B	8.70B	12.0	12.0	2.72	1.88	1.66	6.66	24.5	35.8	4.40B	21
22	1.62B	189	8.60B	10.6	10.2	6.47	1.85	1.61	14.0	42.9	31.6	5.00B	22
23	1.63B	328	10.1	12.3	9.38	14.2	1.81	1.57	12.4	89.3	21.3	6.20B	23
24	1.80B	258	11.0	18.6	8.66	11.2	1.78	1.55	10.2	63.7	16.1	6.40B	24
25	2.00B	104	12.0	17.5	7.80	7.88	1.68	1.49	8.57	51.4	13.0	5.20B	25
26	2.15B	63.0	12.4	13.8	7.58	5.83	1.72	1.55	7.85	52.8	11.2	4.40B	26
27	2.25B	46.1	29.5	11.6	6.27	4.60	2.68	1.59	7.79	47.4	16.2	3.60B	27
28	2.25B	57.1	35.5	17.3	5.86	3.77	3.17	1.92	8.43	86.1	27.6	3.40B	28
29	2.15B		24.8	33.2	5.79	3.32	4.20	1.99	8.20	56.6	21.1	3.25B	29
30	2.08B		25.3	26.7	4.99	3.07	3.60	2.31	7.49	36.7	16.8	3.20B	30
31	2.05B		43.7		4.24		3.39	43.3		28.3		3.15B	31
TOTAL	61.65	1 897.80	634.80	462.80	409.14	111.90	73.82	99.022	619.78	995.86	469.08	296.93	TOTAL
MEAN	1.99	67.8	20.5	15.4	13.2	3.73	2.38	3.19	20.7	32.1	15.6	9.58	MEAN
MAX	2.55	328	64.8	33.2	46.6	14.2	4.20	43.3	112	89.3	35.8	28.6	MAX
MIN	1.62	2.20	8.60	6.92	4.24	2.00	1.68	0.633	6.08	8.89	5.96	3.15	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.8
MAXIMUM DAILY, 328 ON FEB 23
MINIMUM DAILY, 0.633 ON AUG 12
MAXIMUM INSTANTANEOUS,
423 AT 20:26 EST ON FEB 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 08 57 N
LONG 81 11 30 W
DRAINAGE AREA, 1 340 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 330	JUL	6 380
FEB	164 000	AUG	8 560
MAR	54 800	SEP	53 500
APR	40 000	OCT	86 000
MAY	35 300	NOV	40 500
JUN	9 670	DEC	25 700

TOTAL DISCHARGE, 530 000 dam³

NORTH WEST GANARASKA RIVER NEAR OSACA - STATION NO. 02HD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.280B	0.540B	0.630B	0.724	0.448	0.379	0.404	0.280	0.330E	0.360	0.451	0.397	1
2	0.280B	0.990B	0.600B	0.638	0.421	0.352	0.322	0.269	0.335E	0.377	0.458	0.459	2
3	0.280B	0.680B	0.590B	0.600	0.405	0.368	0.292	0.270	0.350E	0.359	0.425	0.433	3
4	0.280B	0.600B	0.580B	0.614	0.421	0.364	0.287	0.331	1.50 E	0.357	0.428	0.397	4
5	0.280B	0.560B	0.570B	0.593	0.417	0.345	0.768	0.530	0.775	0.399	0.444	0.379	5
6	0.285B	0.520B	0.565B	0.513	0.421	0.337	0.515	0.300	0.653	0.654	0.538	0.355	6
7	0.285B	0.500B	0.570B	0.501	0.383	0.320	0.321	0.281	0.621	0.566	0.521	0.353	7
8	0.290B	0.470B	0.590B	0.482	0.376	0.306	0.295	0.309	0.517	0.439	0.465	0.345B	8
9	0.295B	0.460B	0.610B	0.516	0.388	0.316	0.309	0.365	0.440	0.376	0.442	0.340	9
10	0.300B	0.435B	0.618	0.509	0.455	0.411	0.304	0.293	0.368	0.374	0.423	0.335	10
11	0.305B	2.50 B	0.645	0.508	1.30	0.383	0.280	0.355	0.349	0.353	0.451	0.335B	11
12	0.315B	3.60 B	0.589	0.498	1.17	0.330	0.273	0.387	0.329	0.371	0.417	0.344	12
13	0.320P	3.00 B	0.578	0.484	0.660	0.336	0.275	0.355	0.328	0.374	0.405	0.336B	13
14	0.325B	2.48	0.510	0.913	0.561	0.343	0.257	0.351	0.316	0.347	0.430	0.332B	14
15	0.335B	1.10	0.490B	0.686	0.549	0.333	0.242	0.741	0.313	0.358	0.429	0.333	15
16	0.345B	0.967	0.470B	0.551	0.511	0.329	0.238	0.576	0.303	0.372	0.809	0.334B	16
17	0.350B	4.92	0.460B	0.687	0.454	0.371	0.232	0.328	0.326	0.360	1.04	0.340B	17
18	0.363	5.00 B	0.450B	1.03	0.424	0.291	0.325	0.296	0.339	1.01	0.657	0.324B	18
19	0.375	6.10 B	0.440B	0.654	0.403	0.287	0.274	0.283	0.333	0.678	0.522	0.314	19
20	0.375	8.00 B	0.435B	0.583	0.371	0.299	0.366	0.282	0.339	0.468	0.808	0.314B	20
21	0.386	5.30 B	0.460B	0.507	0.355	0.315	0.315	0.275	0.339	0.448	0.827	0.314B	21
22	0.379	1.75	0.536	0.495	0.344	0.645	0.275	0.270E	0.451	0.720	0.588	0.365B	22
23	0.389	2.05 B	0.555	0.560	0.358	0.423	0.283	0.271E	0.377	0.852	0.470	0.380B	23
24	0.381	1.60 B	0.551	0.668	0.348	0.318	0.279	0.290E	0.338	0.634	0.422	0.350B	24
25	0.377	1.16 B	0.562	0.585	0.378	0.315	0.281	0.270E	0.328	0.516	0.372	0.325B	25
26	0.407	0.800B	0.552	0.527	0.372	0.286	0.296	0.260E	0.362	0.585	0.388	0.310B	26
27	0.439	0.700B	0.562	0.487	0.424	0.280	0.292	0.270E	0.403	1.01	0.613	0.309B	27
28	0.402	0.670B	0.523	0.466	0.839	0.274	0.441	0.290E	0.352	0.972	0.517	0.308B	28
29	0.378		0.506	0.507	0.549	0.276	0.518	0.315E	0.336	0.610	0.427	0.307B	29
30	0.385B		1 04	0.469	0.586	0.283	0.335	0.305E	0.321	0.512	0.400	0.306B	30
31	0.400B		0.994		0.463		0.290	0.345E		0.469		0.305B	31
TOTAL	10.586	57.452	17.831	17.555	15.554	10.215	10.184	10.343	12.771	16.280	15.587	10.678	TOTAL
MEAN	0.341	2.05	0.575	0.585	0.502	0.341	0.329	0.334	0.426	0.525	0.520	0.344	MEAN
MAX	0.439	8.00	1.04	1.03	1.30	0.645	0.768	0.741	1.50	1.01	1.04	0.459	MAX
MIN	0.280	0.435	0.435	0.466	0.344	0.274	0.232	0.260	0.303	0.347	0.372	0.305	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.562
MAXIMUM DAILY, 8.00B ON FEB 20
MINIMUM DAILY, 0.232 ON JUL 17

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 01 04 N
LONG 78 26 23 W
DRAINAGE AREA, 42.7 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	915	JUL	880
FEB	4 960	AUG	894
MAR	1 540	SEP	1 100
APR	1 520	OCT	1 410
MAY	1 340	NOV	1 350
JUN	883	DEC	923

TOTAL DISCHARGE, 17 700 dam³

NORTHWEST TRIBUTARY TO LAKE 239 NEAR KENORA - STATION NO. 05PD022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.015	0.003	0	0.010	0.003	0	0.044E	---	---	1
2	---	---	---	0.017	0.003	0	0.009	0.002	0	0.032	---	---	2
3	---	---	---	0.015	0.002	0	0.060E	0.002	0	0.018	---	---	3
4	---	---	---	0.011	0.002	0	0.023	0.002	0	0.020	---	---	4
5	---	---	---	0.008	0.002	0.002	0.013	0.001	0	0.018	---	---	5
6	---	---	---	0.006	0.002	0.002	0.008	0.003	0.015E	0.014	---	---	6
7	---	---	---	0.007	0.002	0.002	0.006	0.004	0.058E	0.011	---	---	7
8	---	---	---	0.006	0.002	0.004	0.005	0.003	0.021	0.009	---	---	8
9	---	---	---	0.005	0.002	0.004	0.003	0.003	0.013	0.007	---	---	9
10	---	---	---	0.006	0.002	0.003	0.003	0.003	0.009	0.009	---	---	10
11	---	---	---	0.005	0.002	0.003	0.002	0.003	0.006	0.009	---	---	11
12	---	---	---	0.005	0.001	0.002	0.002	0.002	0.005	0.007	---	---	12
13	---	---	---	0.005	0.001	0.002	0.002	0.002	0.004	0.007	---	---	13
14	---	---	---	0.004	0.001	0.010	0.002	0.001	0.003	0.006	---	---	14
15	---	---	---	0.003	0.001	0.047E	0.001	0.001	0.003	0.006	---	---	15
16	---	---	---	0.003	0.001	0.023	0.002	0.001	0.003	0.005	---	---	16
17	---	---	---	0.005	0.001	0.014	0.005	0.001	0.002	0.005	---	---	17
18	---	---	---	0.003	0.001	0.010	0.003	0.001	0.002	0.005	---	---	18
19	---	---	---	0.003	0.001	0.008	0.003	0.001	0.002	0.004	---	---	19
20	---	---	---	0.003	0	0.006	0.002	0	0.002	0.004	---	---	20
21	---	---	---	0.003	0	0.005	0.002	0	0.002	0.004	---	---	21
22	---	---	---	0.004	0.001	0.004	0.001	0	0.001	0.003	---	---	22
23	---	---	---	0.005	0.001	0.003	0.001	0	0.002	0.003	---	---	23
24	---	---	---	0.004	0.001	0.009	0.001	0	0.002	0.003	---	---	24
25	---	---	---	0.003	0.001	0.014	0.002	0	0.001	0.003	---	---	25
26	---	---	---	0.004	0.001	0.010	0.001	0	0.004	0.003	---	---	26
27	---	---	---	0.004	0	0.015	0.001	0	0.015	0.003	---	---	27
28	---	---	---	0.003	0	0.043E	0.001	0	0.014	0.002A	---	---	28
29	---		---	0.003	0.001	0.031	0.001	0	0.009	0.003E	---	---	29
30	---		---	0.003	0.001	0.016	0.001	0	0.010	0.002E	---	---	30
31	---		---		0.001		0.004	0		0.002E		---	31
TOTAL	---	---	---	0.171	0.040	0.292	0.180	0.039	0.208	0.271	---	---	TOTAL
MEAN	---	---	---	0.006	0.001	0.010	0.006	0.001	0.007	0.009	---	---	MEAN
MAX	---	---	---	0.017	0.003	0.047	0.060	0.004	0.058	0.044	---	---	MAX
MIN	---	---	---	0.003	0	0	0.001	0	0	0.002	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.006
MAXIMUM DAILY, 0.060E ON JUL 3
MINIMUM DAILY, 0 ON MAY 20
MAXIMUM INSTANTANEOUS,
0.121E AT 23:52 CST ON SEP 6

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 00 N
LONG 93 43 36 W
DRAINAGE AREA, 0.65 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	15.6
FEB	---	AUG	3.37
MAR	---	SEP	18.0
APR	14.8	OCT	23.4
MAY	3.46	NOV	---
JUN	25.2	DEC	---

TOTAL DISCHARGE, 104 dam³

NOTTAWASAGA RIVER NEAR BAXTER - STATION NO. 02ED003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.70B	4.05B	27.6	20.4	7.85	5.37	3.64	3.85	10.3	5.16	9.39	14.7	1
2	5.50B	4.20B	20.0 E	17.4	7.18	4.90	3.64	3.59	8.54	5.88	8.81	16.1	2
3	5.30B	4.00B	15.4	14.3	6.93	4.69	3.56	3.51	9.78	6.59	8.21	16.8	3
4	5.18B	3.90B	13.2	12.9	6.71	5.28	5.38	4.03	14.0	6.27	7.72	14.8	4
5	5.00B	3.85B	13.8	12.8	6.51	5.69	10.5	6.86	38.1	5.94	7.42	12.8	5
6	4.96B	3.80B	12.5	11.9	6.91	5.08	7.67	6.39	26.6	6.98	7.38	11.4	6
7	4.92B	3.75B	12.0	10.6	6.62	4.47	6.00	4.55	17.9	13.3	7.65	10.3	7
8	4.70B	3.71B	11.8	9.96	6.33	4.17	4.67	4.11	15.4	16.2	7.52	10.2	8
9	4.60B	3.70B	11.8	9.78	6.02	4.07	4.01	8.80	12.6	12.8	7.17	8.79B	9
10	4.50B	3.70B	12.0	9.56	6.66	4.40	3.68	8.12	10.8	9.96	6.69	12.7 B	10
11	4.40B	3.70B	12.0	9.08	22.1	6.50	3.46	6.92	8.87	8.42	6.43	15.0 B	11
12	4.30B	4.00B	11.1	9.03	41.3	5.91	3.20	6.80	7.37	7.48	6.48	15.3 B	12
13	4.20B	4.40B	11.4	8.78	26.3	5.00	2.97	5.32	6.54	6.85	6.29	14.0 B	13
14	4.10B	6.80B	10.4	10.2	17.6	4.65	2.81	4.60	6.16	6.49	6.16	13.0 B	14
15	3.95B	7.00B	10.2	15.0	14.4	4.47	2.73	5.37	5.72	6.49	6.16	11.0 B	15
16	3.90B	6.60B	10.8	12.7	14.7	4.16	2.71	8.99	5.27	7.15	7.36	9.50B	16
17	3.82B	12.0 B	9.30B	10.9	12.8	3.97	2.74	7.56	5.07	7.03	18.3	9.00B	17
18	3.79B	35.0 B	9.48B	12.0	10.5	3.72	2.74	5.46	5.08	7.22	16.2	8.30B	18
19	3.75B	73.3 B	8.90E	11.4	9.02	3.55	3.16	4.43	5.09	10.0	13.0	8.00B	19
20	3.72B	87.3 B	8.30E	10.1	8.02	3.47	4.23	4.00	5.04	10.6	13.6	7.90B	20
21	3.69B	112	8.20E	9.12	7.16	3.56	3.80	3.73	5.01	9.46	21.0	7.75B	21
22	3.65B	87.8	8.40E	8.53	6.67	5.07	3.38	3.55	5.38	8.66	20.5	8.00B	22
23	3.62B	85.9	9.00E	8.38	6.23	10.7	3.17	3.60	5.92	10.5	16.5	8.20B	23
24	3.61B	89.2	9.90E	9.11	5.89	8.15	2.98	3.64	5.51	14.3	14.5	7.80B	24
25	3.60B	64.9	10.0 E	9.52	5.79	5.90	2.91	3.54	5.11	13.8	12.3	7.50B	25
26	3.65B	48.9	10.5 E	8.88	5.67	4.92	2.83	3.41	5.10	12.3	11.3	7.40B	26
27	3.70B	37.1	10.8 E	8.07	5.39	4.29	2.86	3.32	5.50	12.4	33.3	7.25B	27
28	3.90B	32.1	11.0	7.52	5.44	3.91	3.73	3.91	5.83	16.3	43.7	7.18B	28
29	4.00B		11.1	8.01	5.83	3.72	10.2	10.5	5.63	15.8	28.8	7.10B	29
30	4.02B		13.6	8.36	5.84	3.62	7.98	18.0	5.23	12.6	18.7	7.05B	30
31	3.80B		22.3		5.78		4.73	13.9		10.6		7.00B	31
TOTAL	131.53	836.66	376.78	324.29	310.15	147.36	132.07	184.36	278.45	303.53	398.54	321.82	TOTAL
MEAN	4.24	29.9	12.2	10.8	10.0	4.91	4.26	5.95	9.28	9.79	13.3	10.4	MEAN
MAX	5.70	112	27.6	20.4	41.3	10.7	10.5	18.0	38.1	16.3	43.7	16.8	MAX
MIN	3.60	3.70	8.20	7.52	5.39	3.47	2.71	3.32	5.01	5.16	6.16	7.00	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.3
MAXIMUM DAILY, 112 ON FEB 21
MINIMUM DAILY, 2.71 ON JUL 16
MAXIMUM INSTANTANEOUS,
152 AT 21:30 EST ON FEB 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 14 59 N
LONG 79 49 20 W
DRAINAGE AREA, 1 180 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 400	JUL	11 400
FEB	72 300	AUG	15 900
MAR	32 600	SEP	24 100
APR	28 000	OCT	26 200
MAY	26 800	NOV	34 400
JUN	12 700	DEC	27 800

TOTAL DISCHARGE, 324 000 dam³

O.A.C. FARM GAUGE NO. 5 AT GUELPH - STATION NO. 02GA032

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.003	0.003	0.031	0.027	0.013	0.004	0.007	0.003	0.011	0.110	0.021	0.021E	1
2	0.003	0.004	0.024	0.017	0.010	0.005	0.006	0.003	0.017	0.018	0.019	0.032E	2
3	0.003	0.005	0.020	0.014	0.009	0.012	0.004	0.006	0.127	0.011	0.019	0.017	3
4	0.003	0.005	0.016	0.018	0.008	0.007	0.034	0.013	0.615	0.009	0.017	0.014	4
5	0.003	0.004	0.016	0.013	0.007	0.006	0.036	0.013	0.018	0.010	0.016	0.013	5
6	0.003	0.004	0.014	0.010	0.007	0.006	0.005	0.004	0.030	0.133	0.017	0.011	6
7	0.003	0.003	0.012	0.009	0.007	0.004	0.005	0.004	0.026	0.021	0.013	0.011	7
8	0.003	0.003	0.013	0.008	0.007	0.005	0.005	0.062	0.014	0.015	0.011	0.012	8
9	0.003	0.004	0.013	0.008	0.006	0.006	0.006	0.012	0.011	0.013	0.011	0.009	9
10	0.003	0.006	0.015	0.008	0.012	0.010	0.004	0.011	0.010	0.009	0.012	0.009	10
11	0.003	0.085	0.014	0.010	0.027	0.008	0.004	0.013	0.009	0.007	0.011	0.008	11
12	0.002	0.045	0.014	0.006	0.013	0.007	0.004	0.005	0.009	0.007	0.011	0.006	12
13	0.003	0.031	0.013	0.007	0.010	0.018	0.005	0.005	0.007	0.008	0.010	0.006	13
14	0.003	0.022	0.010	0.007	0.011	0.018	0.005	0.032	0.007	0.009	0.009	0.008	14
15	0.003	0.019	0.010	0.017	0.017	0.006	0.005	0.101	0.009	0.016	0.008	0.008	15
16	0.003	0.026	0.010	0.013	0.011	0.013	0.005	0.007	0.009	0.010	0.015	0.008	16
17	0.003	0.185	0.010	0.026	0.008	0.009	0.004	0.005	0.009	0.007	0.017	0.008	17
18	0.002	0.329A	0.009	0.016	0.007	0.007	0.004	0.005	0.009	0.068	0.014	0.008	18
19	0.002	0.248	0.010	0.012	0.008	0.006	0.005	0.005	0.008	0.015	0.014	0.007	19
20	0.003	0.200	0.010	0.011	0.008	0.004	0.008	0.005	0.005	0.013	0.090	0.005	20
21	0.003	0.072	0.012	0.009	0.008	0.012	0.004	0.005	0.018	0.033	0.033	0.005	21
22	0.003	0.051	0.011	0.009	0.007	0.095	0.003	0.005	0.024	0.149	0.021	0.006	22
23	0.003	0.191	0.011	0.019	0.006	0.010	0.003	0.004	0.011	0.052	0.018	0.006	23
24	0.003	0.049	0.010	0.022	0.005	0.007	0.004	0.004	0.010	0.022	0.016	0.007	24
25	0.002	0.037	0.009	0.012	0.006	0.007	0.003	0.005	0.013	0.018	0.014	0.006	25
26	0.005	0.031	0.011	0.008	0.006	0.005	0.003	0.004	0.019	0.020	0.015	0.006	26
27	0.007	0.029	0.013	0.007	0.007	0.003	0.003	0.004	0.009	0.289E	0.028	0.006	27
28	0.007	0.072	0.009	0.043	0.009	0.003	0.140	0.122	0.009	0.054E	0.016	0.006	28
29	0.007		0.007	0.019	0.008	0.004	0.016	0.026	0.010	0.032	0.014	0.007	29
30	0.005		0.040	0.016	0.008	0.004	0.004	0.023	0.009	0.025	0.013	0.008	30
31	0.004		0.025		0.005		0.003	0.013		0.022		0.007	31
TOTAL	0.106	1.763	0.442	0.491	0.281	0.311	0.347	0.529	1.092	1.225	0.543	0.291	TOTAL
MEAN	0.003	0.063	0.014	0.016	0.009	0.010	0.011	0.017	0.036	0.040	0.018	0.009	MEAN
MAX	0.007	0.329	0.040	0.077	0.027	0.095	0.140	0.122	0.615	0.289	0.090	0.032	MAX
MIN	0.002	0.003	0.007	0.006	0.005	0.003	0.003	0.003	0.005	0.007	0.008	0.005	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.020
MAXIMUM DAILY, 0.615 ON SEP 4
MINIMUM DAILY, 0.002 ON JAN 12
MAXIMUM INSTANTANEOUS,
3.37 AT 04:46 EST ON SEP 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 31 53 N
LONG 80 18 18 W
DRAINAGE AREA, 2.51 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9.16	JUL	30.0
FEB	152	AUG	45.7
MAR	38.2	SEP	94.3
APR	42.4	OCT	106
MAY	24.3	NOV	46.9
JUN	26.9	DEC	25.1

TOTAL DISCHARGE, 641 dam³

OAKVILLE CREEK AT MILTON - STATION NO. 02HB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.275B	0.275B	2.59	0.696	0.798	0.434	0.298	0.260	0.437	1.69	1.77	1.83	1
2	0.245B	0.268B	2.49	0.663	0.792	0.377	0.304	0.245	0.588	1.30	1.79	2.33	2
3	0.220B	0.255B	2.15	0.665	0.767	0.522	0.274	0.321	0.909	1.14	1.87	1.89	3
4	0.205B	0.247B	1.55	0.682	0.737	0.381	0.621	0.369	4.11	1.13	1.84	1.72	4
5	0.180B	0.235B	0.901	0.621	0.735	0.346	0.621	0.280	4.20	1.12	1.83	1.63	5
6	0.190B	0.240B	0.912	0.604	0.687	0.333	0.312	0.260	2.54	2.75	1.84	1.56	6
7	0.200B	0.245B	0.919	0.618	0.658	0.319	0.273	0.252	2.03	1.41	1.78	1.53	7
8	0.190B	0.240B	0.915	0.626	0.521	0.315	0.286	0.271	1.69	1.15	1.75	1.17	8
9	0.185B	0.239B	0.955	0.615	0.393	0.314	0.341	0.261	1.57	0.927	1.71	0.961	9
10	0.183B	0.235B	0.943	0.608	0.547	0.385	0.278	0.286	1.50	0.751	1.45	0.898	10
11	0.180B	2.08 B	0.936	0.648	0.910	0.306	0.266	0.441	1.48	0.726	1.13	0.894	11
12	0.180B	0.900B	0.972	0.625	0.593	0.309	0.268	0.273	1.45	0.740	1.11	0.860	12
13	0.191B	0.680B	0.954	0.637	0.680	0.371	0.266	0.253	1.40	0.748	0.952	0.841	13
14	0.200B	0.591	0.935	1.50	0.802	0.365	0.248	0.329	1.39	0.720	0.781	0.856	14
15	0.205B	0.543	0.936	0.824	0.864	0.300	0.237	0.535	1.32	0.784	0.767	0.849	15
16	0.210B	1.70	0.954	0.717	0.862	0.275	0.236	0.348	1.06	0.741	1.36	0.824	16
17	0.205B	4.89	0.915	0.769	0.781	0.257	0.260	1.24	1.03	0.717	1.35	0.718	17
18	0.200B	4.14	0.924	0.892	0.724	0.254	0.261	1.04	0.970	1.70	1.24	0.642	18
19	0.205B	3.39	0.902	0.767	0.646	0.251	0.266	0.273	0.951	0.919	1.11	0.568	19
20	0.215B	5.63	0.777	0.745	0.596	0.255	0.346	0.292	0.947	0.780	3.96	0.533	20
21	0.212B	4.67	0.595	0.738	0.565	0.351	0.250	0.583	1.13	1.07	2.41	0.504	21
22	0.210B	4.37	0.608	0.717	0.517	0.721	0.231	0.322	1.17	2.67	1.62	0.494	22
23	0.230B	5.18	0.662	0.975	0.471	0.317	0.231	0.275	0.999	2.56	1.44	0.470	23
24	0.245B	4.36	0.682	1.03	0.431	0.303	0.237	0.255	0.949	1.57	1.29	0.450	24
25	0.265B	3.85	0.693	1.01	0.410	0.310	0.232	0.234	1.09	1.36	1.20	0.465B	25
26	0.280B	3.62	0.697	0.964	0.426	0.291	0.234	0.229	1.30	1.54	1.37	0.486	26
27	0.270B	3.18	0.755	0.912	0.428	0.265	0.233	0.226	1.21	3.80	2.20	0.521	27
28	0.255B	2.88	0.673	0.908	0.508	0.259	1.14	0.520	1.14	2.43	1.55	0.532	28
29	0.240B		0.654	0.882	0.449	0.271	0.497	0.398	1.11	1.63	1.44	0.516	29
30	0.240B		0.870	0.821	0.486	0.284	0.285	1.31	1.10	1.71	1.47	0.509	30
31	0.250B		0.742		0.471		0.259	0.655		1.78		0.528	31
TOTAL	6.761	59.133	31.161	23.479	19.255	10.041	10.091	12.836	42.770	44.063	47.380	28.579	TOTAL
MEAN	0.218	2.11	1.01	0.783	0.621	0.335	0.326	0.414	1.43	1.42	1.58	0.922	MEAN
MAX	0.280	5.63	2.59	1.50	0.910	0.721	1.14	1.31	4.20	3.80	3.96	2.33	MAX
MIN	0.180	0.235	0.595	0.604	0.393	0.251	0.231	0.226	0.437	0.717	0.767	0.450	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.919
MAXIMUM DAILY, 5.63 ON FEB 20
MINIMUM DAILY, 0.180B ON JAN 5
MAXIMUM INSTANTANEOUS,
10.8 AT 16:25 EST ON AUG 30

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 30 19 N
LONG 79 51 48 W
DRAINAGE AREA, 95.6 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	584	JUL	872
FEB	5 110	AUG	1 110
MAR	2 690	SEP	3 700
APR	2 030	OCT	3 810
MAY	1 660	NOV	4 090
JUN	868	DEC	2 470

TOTAL DISCHARGE, 29 000 dam³

OGOKI RIVER ABOVE WHITECLAY LAKE - STATION NO. 04GB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	62.5E	52.0E	48.5E	43.8E	73.0E	113	115 E	74.2E	47.8E	35.0	32.4	30.7	1
2	62.0E	51.3E	48.0E	43.8E	77.0E	113	117 E	74.5E	47.2E	35.5	32.3	30.6	2
3	61.8E	50.9E	48.0E	44.0E	82.0E	113	119 E	74.5E	46.3E	35.7	32.0	30.6	3
4	61.5E	50.5E	47.6E	44.1E	87.8E	114	121 E	74.6E	46.2E	35.4	31.4	30.6	4
5	61.2E	50.0E	47.3E	44.1E	92.0E	115	122 E	74.6E	46.3E	35.2	31.6	30.6	5
6	60.8E	49.7E	46.4E	44.3E	96.5E	114	123 E	73.4E	46.8E	35.1	31.3	30.6	6
7	60.5E	49.4E	46.3E	44.5E	102 E	113	122 E	72.0E	46.5E	34.9	31.2	30.6	7
8	60.2E	48.8E	46.1E	44.9E	104 E	113	121 E	70.5E	46.0E	34.5	31.1	30.6	8
9	60.0E	48.0E	45.5E	45.1E	108 E	114	117 E	69.5E	45.8E	34.4	31.2	30.6	9
10	59.9E	47.8E	45.5E	45.3E	112 E	113	116 E	67.8E	45.0E	34.1	31.3	30.5	10
11	59.7E	47.6E	44.9E	46.0E	114 E	114	111 E	65.0E	44.5E	34.1	31.1	30.6	11
12	59.5E	47.3E	44.2E	46.2E	116 E	112	107 E	64.0E	44.0E	34.2	30.6	30.6	12
13	59.2E	46.9E	44.0E	47.0E	117 E	111	104 E	62.2E	43.8E	34.5	30.6	30.5	13
14	59.0E	46.5E	43.9E	47.8E	117 E	110	100 E	62.3E	42.8E	34.4	30.5	30.5	14
15	58.8E	46.7E	43.8E	48.1E	116 E	111	98.0E	63.0E	42.0E	34.0	30.5	30.5	15
16	58.2E	47.0E	43.4E	49.2E	115 E	112	94.5E	63.3E	41.2E	33.7	30.7	30.5	16
17	58.0E	48.0E	43.4E	49.9E	114 E	112	91.0E	62.8E	40.8E	33.6	30.8	30.5	17
18	57.9E	48.5E	43.5E	50.3E	113 E	116	88.0E	62.0E	40.5E	32.8	30.7	30.5	18
19	57.7E	49.2E	43.5E	51.0E	112 E	113	87.7E	60.0E	39.5E	33.8	30.6	30.5	19
20	57.2E	49.7E	44.0E	52.0E	111 E	111	88.0E	58.0E	39.0E	33.3	30.6	30.6	20
21	57.0E	50.0E	44.1E	53.3E	108 E	109	88.5E	56.2E	38.0E	33.2	30.6	30.5	21
22	56.5E	50.1E	45.1E	54.1E	107 E	109	88.0E	56.0E	37.8E	33.2	30.6	30.5	22
23	56.0E	50.1E	46.0E	55.2E	107 E	110	87.0E	56.1E	37.2E	32.9	30.4	30.5	23
24	55.8E	49.9E	46.3E	56.3E	107 E	108	84.0E	54.5E	36.5E	32.9	30.3	30.4	24
25	55.1E	49.8E	46.0E	58.0E	107 A	108E	83.2E	53.8E	36.8E	33.0	30.3	30.4	25
26	54.9E	49.7E	45.9E	59.9E	108	110E	82.1E	53.2E	36.7E	32.7	30.2	30.4	26
27	54.2E	49.6E	45.5E	61.0E	110	111E	81.0E	52.8E	36.2E	32.3	30.5	30.4	27
28	53.9E	49.3E	45.3E	63.5E	111	112E	81.0E	51.0E	35.5E	32.2	30.7	30.4	28
29	53.2E		45.0E	66.0E	112	113E	80.0E	50.2E	35.2E	31.8	30.7	30.5	29
30	53.0E		44.3E	69.5E	113	114E	77.5E	49.2E	34.8E	31.7	30.7	30.5	30
31	52.5E		44.0E		113		76.0E	48.0E		32.5		30.5	31
TOTAL	1 797.7	1 374.3	1 405.3	1 528.2	3 282.3	3 361	3 070.5	1 929.2	1 246.7	1 046.6	927.5	946.3	TOTAL
MEAN	58.0	49.1	45.3	50.9	106	112	99.0	62.2	41.6	33.8	30.9	30.5	MEAN
MAX	62.5	52.0	48.5	69.5	117	116	123	74.6	47.8	35.7	32.4	30.7	MAX
MIN	52.5	46.5	43.4	43.8	73.0	108	76.0	48.0	34.8	31.7	30.2	30.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 60.0
MAXIMUM DAILY, 123E ON JUL 6
MINIMUM DAILY, 30.2 ON NOV 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 52 00 N
LONG 88 55 50 W
DRAINAGE AREA, 11 200 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	155 000	JUL	265 000
FEB	119 000	AUG	167 000
MAR	121 000	SEP	108 000
APR	132 000	OCT	90 400
MAY	284 000	NOV	80 100
JUN	290 000	DEC	81 800

TOTAL DISCHARGE, 1 890 000 dam³

OGOKI RIVER AT WABOOSE FALLS DAM - STATION NO. 04GB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	0	0	0	0	18
19	0	0	0	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	0	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0	0	0	0	0	0	0	0	0	0	0	0	24
25	0	0	0	0	0	0	0	0	0	0	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0	0	0	0	0	0	0	0	0	0	27
28	0	0	0	0	0	0	0	0	0	0	0	0	28
29	0		0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0	0	0	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	TOTAL
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	MEAN
MAX	0	0	0	0	0	0	0	0	0	0	0	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON JAN 1
MINIMUM DAILY, 0 ON JAN 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 20 N
LONG 87 59 40 W
DRAINAGE AREA, 13 600 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN 0	JUL 0
FEB 0	AUG 0
MAR 0	SEP 0
APR 0	OCT 0
MAY 0	NOV 0
JUN 0	DEC 0

TOTAL DISCHARGE, 0 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED SINCE 1943

REMARKS - STATION FORMERLY CALLED "OGOKI RIVER AT WABOOSE DAM"

OGOKI RIVER DIVERSION TO LAKE NIPIGON - STATION NO. 02AD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	72.6	65.1	63.7	52.9	58.2	116	125	93.8	0	54.2	34.3	26.1	1
2	71.0	63.7	62.3	52.9	59.5	118	123	93.8	0	52.9	34.3	26.1	2
3	69.5	63.7	60.	52.9	60.9	118	123	90.4	0	51.6	33.4	25.4	3
4	69.5	62.3	59.5	51.6	60.9	120	123	90.4	0	49.2	32.5	25.4	4
5	69.5	62.3	59.5	50.4	63.7	120	123	88.7	0	49.2	33.4	25.4	5
6	69.5	62.3	59.5	50.4	63.7	122	123	87.0	0	49.2	32.	25.4	6
7	69.5	62.3	59.5	50.4	66.6	122	123	87.0	0	46.8	31.6	25.4	7
8	69.5	62.3	58.2	51.6	66.6	123	123	85.4	0	46.8	33.4	25.4	8
9	69.5	60.9	58.2	51.6	69.5	125	123	85.4	77.0	45.6	31.6	25.4	9
10	68.1	60.9	58.2	52.9	71.0	125	123	85.4	116	43.3	30.8	25.4	10
11	68.1	59.5	58.2	52.9	72.6	125	122	83.7	106	43.3	28.3	24.7	11
12	68.1	59.5	58.2	54.2	75.7	125	122	82.1	101	42.2	29.9	24.7	12
13	68.1	59.5	55.5	54.2	77.3	127	122	80.5	93.8	41.1	29.9	24.7	13
14	68.1	59.5	55.5	55.5	78.9	127	120	80.5	90.4	41.1	29.9	24.7	14
15	66.6	59.5	55.5	54.2	80.5	127	118	78.9	87.0	40.0	29.9	24.0	15
16	66.6	59.5	54.2	54.2	82.1	129	114	77.3	83.7	39.0	29.9	24.0	16
17	66.6	58.2	54.2	55.5	85.4	127	112	75.7	80.5	39.0	29.9	24.0	17
18	66.6	58.2	52.9	55.5	87.0	127	112	75.7	77.3	42.2	29.9	24.0	18
19	66.6	58.2	52.9	56.8	88.7	127	110	74.1	75.7	40.0	29.1	23.3	19
20	66.6	59.5	51.6	55.5	90.4	125	108	72.6	72.6	39.0	26.1	23.3	20
21	66.6	59.5	51.6	54.2	92.1	127	108	71.0	71.0	39.0	26.1	23.3	21
22	68.1	60.9	51.6	54.2	93.8	127	106	69.5	68.1	37.1	26.1	23.3	22
23	66.6	63.7	52.9	54.2	95.6	127	104	69.5	66.6	38.0	26.1	23.3	23
24	66.6	65.1	52.9	54.2	97.3	125	101	60.0E	63.7	36.1	26.1	23.3	24
25	66.6	65.1	52.9	54.2	99.1	125	101	22.0E	62.3	36.1	26.1	23.3	25
26	66.6	65.1	52.9	55.5	103	125	101	0	60.9	35.2	26.1	23.3	26
27	65.1	63.7	51.6	55.5	104	123	99.1	0	60.9	35.2	26.8	23.3	27
28	65.1	63.7	51.6	56.8	106	123	97.3	0	60.9	34.3	26.8	23.3	28
29	65.1		51.6	58.2	108	125	97.3	0	56.8	35.2	26.1	22.7	29
30	65.1		51.6	58.2	112	125	95.6	0	55.5	34.3	26.1	22.7	30
31	65.1		51.6		114		95.6	0		34.3		22.7	31
TOTAL	2 096.8	1 723.7	1 721.0	1 621.3	2 584.1	3 727	3 497.9	1 960.4	1 687.7	1 290.5	883.0	751.3	TOTAL
MEAN	67.6	61.6	55.5	54.0	83.4	124	113	63.2	56.3	41.6	29.4	24.2	MEAN
MAX	72.6	65.1	63.7	58.2	114	129	125	93.8	116	54.2	34.3	26.1	MAX
MIN	65.1	58.2	51.6	50.4	58.2	116	95.6	0	0	34.3	26.1	22.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 64.5
MAXIMUM DAILY, 129 ON JUN 16
MINIMUM DAILY, 0 ON AUG 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 15 N
LONG 88 12 30 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN 181 000	JUL 302 000
FEB 149 000	AUG 169 000
MAR 149 000	SEP 146 000
APR 140 000	OCT 111 000
MAY 223 000	NOV 76 300
JUN 322 000	DEC 64 900

TOTAL DISCHARGE, 2 030 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED
REGULATED SINCE 1943

ONAPING RIVER NEAR LEVACK - STATION NO. 02CF010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.06B	2.80B	7.00B	21.5B	16.4	6.92	11.5	2.75	1.62	2.23	9.78	6.10B	1
2	3.04B	2.80B	6.75B	31.8B	15.2	6.87	10.9	2.74	1.66	2.64	9.44	6.92	2
3	3.02B	2.80B	6.60B	37.2	14.4	7.37	10.3	2.74	1.53	2.78	9.02	6.83	3
4	3.00B	2.80B	6.40B	66.8	14.6	8.81	10.2	2.72	1.66	2.79	8.63	6.40B	4
5	2.98B	2.80B	6.20B	92.3	14.9	8.62	11.3	2.61	2.21	2.80	8.44	6.20B	5
6	2.96B	2.80B	6.00B	76.0	14.5	8.14	11.4	2.41	2.19	3.37	8.50	6.00B	6
7	2.94B	2.80B	5.80B	66.8	13.9	7.70	11.6	2.30	1.97	5.22	8.54	5.80B	7
8	2.94B	2.80B	5.70B	62.7	13.0	7.69	11.0	2.31	2.20	5.79	8.36	5.60B	8
9	2.92B	2.80B	5.60B	65.5	12.4	7.74	10.5	2.36	2.80	5.53	8.31	5.50B	9
10	2.92B	2.82B	5.40B	63.2	11.7	7.59	9.37	2.28	5.20	5.29	8.11	5.40B	10
11	2.90B	2.90B	5.30B	59.2	11.3	7.34	7.96	2.21	5.07	5.00	7.96	5.30B	11
12	2.99B	3.05B	5.25B	55.2	11.6	7.14	7.51	2.13	5.52	4.74	7.40B	5.20B	12
13	2.88B	3.15B	5.20B	50.7	12.1	6.88	7.19	2.76	5.06	4.50	7.40B	5.10B	13
14	2.88B	3.20B	5.10B	50.8	12.0	6.67	6.86	2.71	4.62	4.90	7.46	5.10B	14
15	2.88B	3.25B	5.00B	53.6	11.6	6.97	6.51	2.50	4.11	5.56	7.34	5.00B	15
16	2.86B	3.30B	4.90B	50.8	11.2	7.32	6.24	2.25	3.68	5.64	7.18	5.00B	16
17	2.86B	3.40B	4.85B	48.0	10.7	7.41	6.01	2.02	3.38	5.53	7.20	4.90B	17
18	2.86B	3.55B	4.80B	45.4	10.1	7.18	6.04	1.86	3.19	7.46	7.49	4.80B	18
19	2.84B	3.70B	4.77B	41.8	9.61	7.18	5.65	1.75	3.05	9.94	7.64	4.80B	19
20	2.84B	3.90B	4.75B	38.1	9.07	6.81	5.47	1.68	2.95	10.3	7.40B	4.70B	20
21	2.84B	4.30B	4.73b	34.9	8.64	6.49	5.30	1.61	2.81	11.0	7.10B	4.70B	21
22	2.84B	4.70B	4.73B	32.3	8.27	7.26	4.86	1.55	2.67	11.1	6.60B	4.80B	22
23	2.84B	5.21B	4.72B	30.4	7.96	7.89	4.57	1.72	2.52	10.8	6.10B	4.90B	23
24	2.82B	6.88B	4.78B	29.4	7.75	8.13	4.31	2.02	2.36	10.5	5.90B	4.90B	24
25	2.82B	8.40B	5.40B	27.9	8.06	11.6	4.09	1.92	2.24	10.2	5.70B	4.80B	25
26	2.82B	8.00B	6.60B	26.0	8.17	13.2	3.83	1.75	2.27	9.92	5.60B	4.80B	26
27	2.82B	7.70B	6.75B	23.4	8.16	13.3	3.61	1.63	2.40	9.63	6.20B	4.70B	27
28	2.82B	7.50B	6.90B	18.0	8.07	12.6	3.40	1.53	2.28	9.74	6.60B	4.60B	28
29	2.80B		7.60B	17.6	7.83	12.6	3.28	1.51	2.17	10.9	6.40B	4.60B	29
30	2.80B		10.8 B	17.1	7.54	12.4	3.11	1.73	2.04	10.4	6.20B	4.50B	30
31	2.80B		14.5 B		7.20		2.94	1.75		10.0		4.50B	31
TOTAL	89.59	114.11	188.88	1 334.4	337.93	253.82	216.81	65.81	87.43	216.20	224.00	162.45	TOTAL
MEAN	2.89	4.08	6.09	44.5	10.9	8.46	6.99	2.12	2.91	6.97	7.47	5.24	MEAN
MAX	3.06	8.40	14.5	92.3	16.4	13.3	11.6	2.76	5.52	11.1	9.78	6.92	MAX
MIN	2.80	2.80	4.72	17.1	7.20	6.49	2.94	1.51	1.53	2.23	5.60	4.50	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.02
MAXIMUM DAILY, 92.3 ON APR 5
MINIMUM DAILY, 1.51 ON AUG 29
MAXIMUM INSTANTANEOUS
96.8 AT 05:35 EST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 36 00 N
LONG 81 22 51 W
DRAINAGE AREA, 1 570 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 740	JUL	18 700
FEB	9 860	AUG	5 690
MAR	16 300	SEP	7 550
APR	115 000	OCT	18 700
MAY	29 200	NOV	19 400
JUN	21 900	DEC	14 000

TOTAL DISCHARGE, 284 000 dam³

REMARKS - DRAINAGE AREA REVISED DEC 1981 TO INCLUDE ONAPING LAKE BASIN. EXTREME HIGH WATER SPILLED INTO SPANISH RIVER SYSTEM

OSHAWA CREEK AT OSHAWA - STATION NO. 02HD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.760B	1.20 B	1.63	1.26	0.727	0.666	0.675	0.538	0.601	0.595	1.08	0.978	1
2	0.755B	0.910B	1.42	1.08	0.713	0.588	0.629	0.528	0.662	0.657	0.978	1.19	2
3	0.750B	0.820B	1.22 B	0.961	0.686	0.623	0.564	0.525	1.55	0.627	0.928	1.08	3
4	0.745B	0.770B	1.08 B	0.964	0.707	0.656	0.586	0.720	5.43	0.612	0.927	0.961	4
5	0.740B	0.730B	1.00 B	1.00	0.700	0.621	1.96	1.60	3.66	0.648	0.844	0.927	5
6	0.735B	0.710B	0.960B	0.912	0.707	0.578	1.06	0.725	2.64	1.18	1.11	0.880B	6
7	0.730B	0.700B	0.980B	0.858	0.740	0.542	0.644	0.586	1.78	1.07	1.08	0.840B	7
8	0.725B	0.685B	1.00 B	0.820	0.775	0.542	0.598	0.560	1.59	0.917	0.928	0.845B	8
9	0.720B	0.680B	1.02 B	0.837	0.759	0.565	0.575	0.593	1.19	0.748	0.868	0.910B	9
10	0.715B	0.870B	1.05	0.880	0.911	0.583	0.565	0.554	0.894	0.702	0.827	0.880B	10
11	0.710B	3.00 B	1.02	0.845	2.03	0.658	0.615	0.872	0.807	0.681	0.814	0.840B	11
12	0.707B	2.40 B	0.976	0.817	1.92	0.612	0.511	1.29	0.755	0.654	0.822	0.793B	12
13	0.705B	1.90 B	0.920B	0.786	1.22	0.601	0.519	0.679	0.713	0.672	0.771	0.790B	13
14	0.704B	1.80 B	0.890B	1.32	1.07	0.607	0.519	0.629	0.668	0.661	0.764	0.787B	14
15	0.702B	1.73 B	0.990B	1.25	1.11	0.625	0.504	1.90	0.637	0.703	0.817	0.785B	15
16	0.700B	1.70 B	0.840B	0.855	1.08	0.797	0.491	1.34	0.617	0.719	1.25	0.780B	16
17	0.698B	3.60 B	0.820B	1.01	0.922	1.10	0.495	0.733	0.626	0.692	1.69	0.760B	17
18	0.696B	5.20 B	0.800B	1.13	0.873	0.745	0.567	0.622	0.651	1.86	1.26	0.750B	18
19	0.695B	9.00 B	0.780B	1.00	0.841	0.713	0.619	0.584	0.643	1.31	1.11	0.740B	19
20	0.688B	16.5 B	0.770B	0.933	0.834	0.702	0.749	0.539	0.628	0.924	2.00	0.720B	20
21	0.683B	14.[illegible]	0.836	0.874	0.829	0.740	0.629	0.510	0.637	0.889	2.66	0.710B	21
22	0.675B	6.44	0.786	0.751	0.820	1.04	0.572	0.503	0.800	1.65	1.47	0.720B	22
23	0.670B	7.95	0.830	0.714	0.815	0.855	0.550	0.519	0.668	2.30	1.12	0.855B	23
24	0.665B	5.46	0.829	0.878	0.820	0.680	0.531	0.518	0.591	1.50	1.06	0.760B	24
25	0.663B	3.03	0.862	0.858	0.855	0.647	0.539	0.508	0.583	1.09	0.940	0.700B	25
26	0.665B	2.13	0.868	0.793	0.894	0.592	0.534	0.513	0.620	1.33	0.923	0.655B	26
27	0.720B	1.63	0.899	0.756	1.03 E	0.565	0.523	0.519	0.643	2.88	1.97	0.650B	27
28	0.685B	1.67	0.868	0.710	1.27 E	0.546	0.769	0.563	0.632	2.79	1.41	0.645B	28
29	0.660B		0.924	0.757	0.882	0.541	0.936	0.570	0.593	1.56	1.12	0.640B	29
30	0.645B		1.94	0.775	0.856	0.542	0.637	0.562	0.584	1.43	0.966	0.635B	30
31	0.645B		1.86		0.735		0.551	0.576		1.20		0.630B	31
TOTAL	21.756	97.155	31.668	27.384	29.131	19.870	20.216	21.978	33.093	35.251	34.507	24.836	TOTAL
MEAN	0.702	3.47	1.02	0.913	0.940	0.662	0.652	0.709	1.10	1.14	1.15	0.801	MEAN
MAX	0.760	16.5	1.94	1.32	2.03	1.10	1.96	1.90	5.43	2.88	2.66	1.19	MAX
MIN	0.645	0.680	0.770	0.710	0.686	0.541	0.491	0.503	0.583	0.595	0.764	0.630	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.09
MAXIMUM DAILY, 16.5B ON FEB 20
MINIMUM DAILY, 0.491 ON JUL 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 55 49 N
LONG 78 53 29 W
DRAINAGE AREA, 95.8 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 880	JUL	1 750
FEB	8 390	AUG	1 900
MAR	2 740	SEP	2 860
APR	2 370	OCT	3 050
MAY	2 520	NOV	2 980
JUN	1 720	DEC	2 150

TOTAL DISCHARGE, 34 300 dam³

OTONABEE RIVER AT LAKEFIELD - STATION NO. 02HJ002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	73.1	80.5	273	72.5	72.3	91.3A	31.0	23.1	21.9	54.6	127	84.1	1
2	74.5	80.6	273	112	81.1	53.2A	27.4	24.9	23.0	72.2	126	75.8	2
3	75.0	81.4	273	151	81.2	48.7A	26.9	23.5	23.0	74.8	125	90.8	3
4	75.9	81.8	271	171	64.3	35.8A	26.0	32.3	36.5	64.8	124	104	4
5	83.3	81.3	261	175	63.2	37.6	28.5	33.6	38.9	48.6	116	98.5	5
6	86.7	77.9	239	177	59.8	38.5	30.3	21.5	62.0	53.3	112	97.5	6
7	84.4	75.5	216	178	48.8	35.4	25.8	22.8	74.4	57.8	113	95.6	7
8	87.3	75.0	210	178	36.6	36.8	25.2	26.5	77.4	66.6	112	96.7	8
9	91.5	72.2	198	177	33.1	37.9	27.7	26.9	84.0	70.4	96.4	88.6	9
10	92.9	69.5	171	176	34.8	36.2	26.2	27.9	95.1	68.6	79.5	70.3	10
11	92.9	75.5	158	176	36.6	32.9	26.9	36.9	104	69.2	72.8	66.5	11
12	92.3	78.2	142	154	56.8	32.7	24.4	36.0	104	68.7	70.4	67.1	12
13	91.6	77.7	137	117	82.5	32.2	23.6	32.2	105	68.5	64.6	66.4	13
14	91.5	77.0	110	103	109	32.7	22.3	30.0	105	69.5	65.9	66.1	14
15	91.0	76.8	97.8	118	124	33.5	27.2	30.3	106	71.8	69.7	64.4	15
16	91.2	79.8	97.8	126	107	59.9A	23.5	32.9	105	72.0	76.4	63.6	16
17	89.6	93.1	95.9	125	102	49.9A	22.2	34.8	88.9	73.5	86.1	56.9	17
18	89.1	98.0	90.5	128	105	51.6A	24.8	35.9	69.5	75.1	90.2	57.7	18
19	88.1	101	74.5	130	107	54.7A	28.4	37.2	63.0	77.7	89.9	57.5	19
20	86.9	112	70.1	128	98.0	19.8A	25.3	37.0	62.8	77.3	98.3	55.6	20
21	80.2	135	70.9	107	89.6	35.1A	20.3	32.6	67.9	74.4	106	55.3	21
22	73.3	150	72.2	84.7	64.1	64.2A	23.6	32.0	70.0	75.3	106	55.7	22
23	73.1	184	71.9	71.1	59.1	94.2A	25.0	31.2	57.5	85.8	109	56.1	23
24	73.6	237	72.2	74.6	64.3	97.7	26.5	28.6	47.3	91.3	121	56.5	24
25	74.2	265	72.2	78.4	80.3	97.1	23.2	27.9	44.8	90.9	132	57.1	25
26	80.9	273	65.7	78.6	93.7	79.9	23.8	27.0	45.7	102	131	56.5	26
27	81.2	275	53.2	78.1	104	68.1	25.2	25.9	44.4	111	131	56.7	27
28	80.4	275	52.8	67.4	109 A	55.2	23.4	26.2	44.2	115	131	56.5	28
29	80.1		40.6	63.8	124 A	43.2	24.6	24.4	44.4	118	130	55.3	29
30	79.3		30.6	63.8	115 A	37.9	24.9	26.1	44.0	125	116	56.8	30
31	80.7		41.1		114 A		23.1	21.0		126		55.9	31
TOTAL	2 585.8	3 438.8	4 102.0	3 640.0	2 520.2	1 523.9	785.2	909.1	1 959.6	2 469.7	3 128.2	2 142.1	TOTAL
MEAN	83.4	123	132	121	81.3	50.8	25.3	29.3	65.3	79.7	104	69.1	MEAN
MAX	92.9	275	273	178	124	97.7	31.0	37.2	106	126	132	104	MAX
MIN	73.1	69.5	30.6	63.8	33.1	19.8	20.3	21.0	21.9	48.6	64.6	55.3	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 80.0
MAXIMUM DAILY, 275 ON FEB 27
MINIMUM DAILY, 19.8A ON JUN 20
MAXIMUM INSTANTANEOUS,
313 AT 13:45 EST ON MAR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 25 13 N
LONG 78 16 15 W
DRAINAGE AREA, 7 360 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	223 000	JUL	67 800
FEB	297 000	AUG	78 500
MAR	354 000	SEP	169 000
APR	314 000	OCT	213 000
MAY	218 000	NOV	270 000
JUN	132 000	DEC	185 000

TOTAL DISCHARGE, 2 520 000 dam³

OTOSKWIN RIVER BELOW BADESDAWA LAKE - STATION NO. 04FA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	23.8B	16.3B	15.0B	14.1B	45.5	127	106	31.6	16.6	17.9	30.9	33.0B	1
2	23.5B	16.1B	14.9B	14.3B	53.3	126	103	29.8	16.9	18.9	30.6	32.0B	2
3	23.2B	16.0B	14.8B	14.5B	63.0	124	99.3	29.1	16.9	19.0	31.4	31.2B	3
4	22.8B	15.8B	14.7B	14.7B	75.5	124	100	28.4	15.8	19.1	32.4	30.4B	4
5	22.4B	15.7B	14.7B	14.9B	90.6	119	101	28.1	15.5	19.4	32.9	29.9B	5
6	22.0B	15.5B	14.6B	15.2B	104	116	98.6	28.4	15.3	19.4	33.2	29.1B	6
7	21.6B	15.4B	14.5B	15.4B	118	116	99.0	28.1	15.5	19.5	33.9	28.6B	7
8	21.3B	15.3B	14.5B	15.7B	129	116	98.4	27.7	15.5	19.4	34.8	28.0B	8
9	21.0B	15.2B	14.4B	16.0B	140	117	92.5	27.5	15.7	19.6	35.2E	27.6B	9
10	20.7B	15.1B	14.3B	16.3B	147	118	83.7	27.1	15.6	19.8	35.6E	27.1B	10
11	20.3B	15.0B	14.3B	16.7B	152	118	78.2	27.2	16.2	20.2	35.8E	26.7B	11
12	20.1B	15.0B	14.2B	17.1B	157	116	74.5	26.1	16.4	20.4	35.6E	26.1B	12
13	19.9B	14.9B	14.2B	17.4B	161	112	70.5	25.9	16.3	21.7	35.7E	25.8B	13
14	19.7B	14.8B	14.1B	17.9B	164	111	66.5	26.8	16.3	21.6	36.2E	25.3B	14
15	19.5B	14.7B	14.1B	18.3B	163	116	63.2	25.3	16.0	20.9	37.2E	25.0B	15
16	19.2B	14.6B	14.0B	18.8B	166	119	59.8	26.3	16.2	21.4	39.5E	24.7B	16
17	18.9B	14.5B	14.0B	19.3B	167	123	57.1	25.9	17.5	21.3	41.5E	24.3B	17
18	18.7B	14.4B	14.0B	19.8B	163	127	55.2	25.2	17.3	21.6	42.5E	24.0B	18
19	18.5B	14.4B	13.8B	20.3B	160	123	52.6	24.7	16.7	23.9	43.0E	23.7B	19
20	18.3B	14.5B	13.8B	21.0B	156	123	46.9	23.8	16.5	23.9	43.5E	23.4B	20
21	18.1B	14.8B	13.8B	21.7B	151	124	46.8	23.5	16.5	24.8	43.5E	23.1B	21
22	17.8B	15.1B	13.7B	22.5B	145	125	44.9	23.2	16.9	24.6	43.3E	22.8B	22
23	17.7B	15.3B	13.7B	23.3B	134	124	43.1	21.0	17.3	24.8	42.8E	22.6B	23
24	17.5B	15.5B	13.7B	24.3B	131	121	41.3	20.8	17.2	25.0	42.0B	22.3B	24
25	17.3B	15.4B	13.7B	25.4B	129	120	39.8	20.5	16.5	25.5	41.5B	22.0B	25
26	17.2B	15.3B	13.6B	26.7	131	119	38.7	19.8	16.5	25.8	38.5B	21.8B	26
27	17.0B	15.2B	13.6B	28.1	131	118	36.8	19.7	18.4	26.3	37.2B	21.6B	27
28	16.8B	15.1B	13.7B	30.1	128	112	35.7	19.3	18.2	26.5	36.0B	21.4B	28
29	16.6B		13.8B	33.9	123	108	35.6	19.0	17.9	27.2	34.8B	21.1B	29
30	16.5B		13.9B	38.7	127	109	32.8	17.9	17.9	27.5	33.8B	20.9B	30
31	16.4B		14.0B		127		33.0	17.7		30.8		20.6B	31
TOTAL	604.3	424.9	438.1	512.4	E 831.9	3 571	2 030.5	765.4	498.0	697.7	1 114.8	786.1	TOTAL
MEAN	19.5	15.2	14.1	20.4	130	119	65.5	24.7	16.6	22.5	37.2	25.4	MEAN
MAX	23.8	16.3	15.0	38.7	167	127	106	31.6	18.4	30.8	43.5	33.0	MAX
MIN	16.4	14.4	13.6	14.1	45.5	108	32.8	17.7	15.3	17.9	30.6	20.6	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 42.7
MAXIMUM DAILY, 167 ON MAY 17
MINIMUM DAILY, 13.6B ON MAR 26
MAXIMUM INSTANTANEOUS,
168 AT 17:42 EST ON MAY 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 49 20 N
LONG 89 36 00 W
DRAINAGE AREA, 9 010 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	52 200	JUL	175 000
FEB	36 700	AUG	66 100
MAR	37 900	SEP	43 000
APR	52 900	OCT	60 300
MAY	348 000	NOV	96 300
JUN	309 000	DEC	67 900

TOTAL DISCHARGE, 1 350 000 dam³

OTTAWA RIVER AT ARNPRIOR - STATION NO. 02KC012

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	74.030	74.110	74.430	74.230	74.220	74.200	74.140	74.140	74.140	74.140	74.150	74.120	1
2	74.090	74.120	74.260	74.280	74.210	74.200	74.130	74.130	74.150	74.160	74.120	74.130	2
3	74.140	74.130	74.290	74.340	74.210	74.210	74.160	74.130	74.130	74.100	74.070	74.130	3
4	74.120	74.140	74.220	74.330	74.200	74.180	74.180	74.140	74.110	74.160	74.060	74.170	4
5	74.120	74.090	74.200	74.390	74.200	74.140	74.170	74.120	74.120	74.140	74.100	74.170	5
6	74.070	74.100	74.210	74.520	74.200	74.180	74.190	74.160	74.120	74.160	74.130	74.140	6
7	74.100	74.110	74.220	74.590	74.210	74.210	74.180	74.140	74.120	74.160	74.090	74.070	7
8	74.090	74.130	74.220	74.650	74.200	74.210	74.080	74.150	74.090	74.120	74.120	74.110	8
9	74.090	74.110	74.230	74.700	74.190	74.210	74.120	74.140	74.100	74.130	74.110	74.170	9
10	74.100	74.120	74.220	74.700	74.160	74.210	74.160	74.120	74.180	74.170	74.100	74.130	10
11	74.100	74.140	74.190	74.750	74.120	74.210	74.140	74.140	74.210	74.180	74.080	74.100	11
12	74.060	74.110	74.220	74.810	74.080	74.210	74.170	74.150	74.190	74.160	74.100	74.160	12
13	74.090	74.100	74.230	74.890	74.200	74.200	74.170	74.130	74.160	74.140	74.100	74.150	13
14	74.140	74.110	74.230	74.940	74.210	74.190	74.160	74.130	74.180	74.130	74.160	74.140	14
15	74.150	74.110	74.220	74.920	74.240	74.200	74.140	74.130	74.180	74.150	74.170	74.080	15
16	74.160	74.150	74.200	74.930	74.230	74.190	74.090	74.150	74.170	74.110	74.180	74.130	16
17	74.130	74.130	74.150	74.830	74.210	74.190	74.130	74.130	74.140	74.160	74.190	74.100	17
18	74.100	74.120	74.100	74.850	74.220	74.200	74.150	74.150	74.140	74.120	74.140	74.140	18
19	74.090	74.130	74.120	74.840	74.230	74.220	74.130	74.130	74.190	74.120	74.150	74.160	19
20	74.110	74.190	74.220	74.800	74.220	74.180	74.150	74.150	74.160	74.150	74.180	74.140	20
21	74.120	74.220	74.190	74.780	74.180	74.210	74.120	74.150	74.120	74.140	74.190	74.090	21
22	74.110	74.230	74.180	74.730	74.190	74.200	74.090	74.120	74.120	74.160	74.100	74.130	22
23	74.100	74.240	74.180	74.700	74.190	74.200	74.100	74.130	74.130	74.120	74.160	74.150	23
24	74.110	74.490	74.190	74.600	74.200	74.160	74.100	74.160	74.110	74.140	74.160	74.120	24
25	74.100	74.570	74.200	74.450	74.210	74.120	74.120	74.130	74.160	74.110	74.080	74.190	25
26	74.080	74.540	74.200	74.320	74.210	74.110	74.120	74.150	74.170	74.160	74.100	74.080	26
27	74.060	74.500	74.190	74.280	74.210	74.090	74.140	74.130	74.170	74.120	74.150	74.120	27
28	74.090	74.480	74.190	74.220	74.210	74.060	74.170	74.070	74.120	74.170	74.150	74.130	28
29	74.060		74.170	74.210	74.220	74.160	74.150	74.130	74.130	74.200	74.160	74.170	29
30	74.110		74.190	74.230	74.190	74.160	74.100	74.160	74.110	74.220	74.140	74.140	30
31	74.140		74.200		74.200		74.130	74.150		74.190		74.130	31
MEAN	74.102	74.204	74.208	74.594	74.199	74.180	74.138	74.137	74.144	74.148	74.130	74.132	MEAN
MAX	74.160	74.570	74.430	74.940	74.240	74.220	74.190	74.160	74.210	74.220	74.190	74.190	MAX
MIN	74.030	74.090	74.100	74.210	74.080	74.060	74.080	74.070	74.090	74.100	74.060	74.070	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 74.192
MAXIMUM DAILY, 74.940 ON APR 14
MINIMUM DAILY, 74.030 ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 26 40 N
LONG 76 21 10 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

OTTAWA RIVER AT BRITANNIA - STATION NO. 02KF005

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	58.28	58.13	59.15	58.87	---	58.66	---	57.87	---	58.12	58.57	58.29	1
2	58.22	58.13	59.11	58.99	---	---	---	57.88	---	58.14	58.56	58.27	2
3	58.25	58.13	59.03	59.04	---	---	---	57.89	57.91	58.17	58.55	58.28	3
4	58.30	58.12	58.94	59.08	---	---	---	57.89	57.91	58.11	58.52	58.27	4
5	58.29	58.13	58.88	59.13	58.60	---	---	57.95	58.01	58.10	58.51	58.29	5
6	58.35	58.13	58.87	59.21	58.61	---	---	57.95	58.07	58.02	58.53	58.33	6
7	58.28	58.10	58.88	59.29	58.57	---	---	58.00	58.23	58.07	58.53	58.31	7
8	58.21	58.09	58.92	59.33	58.56	---	---	57.96	58.26	58.15	58.41	58.24	8
9	58.20	58.11	58.92	59.38	58.55	---	---	57.94	58.28	58.18	58.40	58.27	9
10	58.18	58.14	58.90	59.38	58.55	---	---	57.98	58.25	58.21	58.41	58.26	10
11	58.21	58.16	58.88	59.39	58.56	---	---	57.93	58.37	58.21	58.41	58.27	11
12	58.23	58.23	58.87	59.43	58.54	---	---	57.94	58.42	58.25	58.18	58.22	12
13	58.20	58.24	58.90	59.49	58.55	58.61	---	57.92	58.41	58.26	58.22	58.22	13
14	58.19	58.27	58.91	59.62	58.67	58.59	---	57.92	58.40	58.30	58.27	58.24	14
15	58.18	58.26	58.88	59.58	58.77	58.57	---	57.91	58.37	58.20	58.30	58.18	15
16	58.20	58.22	58.90	59.56	58.85	58.58	---	57.91	58.39	58.28	58.30	58.18	16
17	58.19	58.24	58.82	59.53	58.87	58.58	---	57.91	58.38	58.13	58.31	58.19	17
18	58.19	58.33	58.76	59.51	58.86	58.58	58.06	57.90	58.27	58.18	58.44	58.24	18
19	58.20	58.34	58.69	59.48	58.87	58.60	58.01	---	58.26	58.22	58.32	58.22	19
20	58.18	58.43	58.72	59.48	58.85	58.63	58.03	---	58.26	58.15	58.29	58.22	20
21	58.13	58.70	58.79	59.44	58.81	58.56	58.05	---	58.27	58.19	58.37	58.17	21
22	58.14	58.84	58.78	59.41	58.73	58.57	57.94	---	58.18	58.22	58.39	58.12	22
23	58.13	58.94	58.75	59.37	58.71	58.57	57.88	---	58.15	58.29	58.30	58.16	23
24	58.11	59.10	58.75	---	58.69	58.58	57.86	---	58.22	58.27	58.33	58.18	24
25	58.17	59.24	58.73	---	58.71	---	57.84	---	58.19	58.28	58.40	58.14	25
26	58.21	59.25	58.73	---	58.73	---	57.84	---	58.07	58.34	58.29	58.21	26
27	58.18	59.21	58.72	---	58.73	---	57.87	---	58.16	58.50	58.30	58.15	27
28	58.18	59.18	58.68	---	58.71	---	57.92	---	58.18	58.55	58.35	58.11	28
29	58.19		58.68	---	58.65	---	58.00	---	58.13	58.57	58.32	58.12	29
30	58.09		58.70	---	58.67	---	58.02	---	58.16	58.58	58.33	58.15	30
31	58.08		58.78		58.66		57.91	---		58.57		58.14	31
MEAN	58.20	58.44	58.84	---	---	---	---	---	---	58.25	58.38	58.21	MEAN
MAX	58.35	59.25	59.15	---	---	---	---	---	---	58.58	58.57	58.33	MAX
MIN	58.08	58.09	58.68	---	---	---	---	---	---	58.02	58.18	58.11	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 59.62 ON APR 14

MAXIMUM INSTANTANEOUS,
59.84 AT 15:45 EST ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 21 54 N
LONG 75 48 18 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - WATER LEVEL DATA FOR THE PERIOD 1960-80 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 16125 OTTAWA (BRITANNIA), ONT

OTTAWA RIVER AT CHATS FALLS - STATION NO. 02KF009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 100	910	2 510	2 070	1 720	1 660	1 230	585	582	858	1 550	1 100	1
2	1 050	896	2 420	2 360	1 700	1 650	1 220	629	649	1 020	1 540	1 040	2
3	1 090	904	2 300	2 400	1 640	1 650	1 240	614	620	898	1 510	1 060	3
4	1 200	952	2 030	2 430	1 630	1 550	1 240	580	604	899	1 450	1 100	4
5	1 080	874	2 020	2 590	1 590	1 500	1 210	706	940	738	1 450	1 100	5
6	1 210	950	2 050	2 740	1 520	1 540	1 230	714	874	790	1 480	1 170	6
7	1 040	812	2 110	2 880	1 560	1 640	1 210	825	1 190	867	1 450	1 130	7
8	984	876	2 120	2 940	1 530	1 630	1 210	658	1 030	939	1 220	875	8
9	1 000	887	2 100	3 040	1 520	1 620	945	664	1 110	980	1 250	1 170	9
10	948	961	2 110	2 990	1 520	1 620	1 060	710	1 010	1 090	1 300	1 100	10
11	1 050	917	2 060	3 140	1 500	1 610	950	678	1 300	992	1 230	1 060	11
12	1 010	1 100	2 100	3 220	1 410	1 650	849	666	1 290	1 140	736	1 040	12
13	963	1 030	2 130	3 310	1 580	1 600	1 020	668	1 270	1 030	1 090	1 010	13
14	1 020	1 180	2 090	3 500	1 760	1 540	920	614	1 240	1 150	1 140	1 070	14
15	1 000	1 060	2 100	3 410	2 010	1 520	848	590	1 230	949	1 140	889	15
16	981	966	2 080	3 420	1 990	1 440	748	669	1 260	942	1 130	984	16
17	991	1 060	1 870	3 300	2 020	1 510	841	592	1 250	1 010	1 210	978	17
18	979	1 230	1 890	3 260	2 000	1 530	814	665	959	935	1 420	1 140	18
19	987	1 140	1 650	3 250	2 050	1 660	692	617	1 130	1 030	1 070	1 030	19
20	835	1 380	1 880	3 150	1 980	1 540	840	613	1 080	862	1 160	961	20
21	957	1 820	1 960	3 140	1 860	1 510	696	628	1 120	1 060	1 120	921	21
22	882	1 810	1 870	3 160	1 750	1 520	584	437	835	1 080	1 180	898	22
23	896	2 080	1 770	2 980	1 720	1 530	555	439	943	1 050	1 160	1 040	23
24	922	2 400	1 800	2 800	1 690	1 480	613	519	1 070	1 130	1 150	850	24
25	1 070	2 680	1 760	2 630	1 770	1 400	552	507	893	1 070	1 280	1 050	25
26	971	2 630	1 850	2 360	1 780	1 400	534	530	909	1 260	1 140	1 020	26
27	969	2 580	1 680	2 250	1 700	1 270	658	445	948	1 500	1 100	800	27
28	976	2 580	1 720	1 910	1 660	1 240	760	557	911	1 500	1 170	883	28
29	880		1 700	1 760	1 660	1 220	827	481	883	1 580	1 130	952	29
30	925		1 710	1 720	1 590	1 290	683	502	960	1 590	1 180	916	30
31	830		1 930		1 630		552	601		1 560		955	31
TOTAL	30 796	38 665	61 370	84 110	53 040	45 520	27 331	18 703	30 090	33 499	37 136	31 292	TOTAL
MEAN	993	1 380	1 980	2 800	1 710	1 520	882	603	1 000	1 080	1 240	1 010	MEAN
MAX	1 210	2 680	2 510	3 500	2 050	1 660	1 240	825	1 300	1 590	1 550	1 170	MAX
MIN	830	812	1 650	1 720	1 410	1 220	534	437	582	738	736	800	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 350
MAXIMUM DAILY, 3 500 ON APR 14
MINIMUM DAILY, 437 ON AUG 22

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 45 28 30 N
LONG 76 14 21 W
DRAINAGE AREA, 89 600 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 660 000	JUL	2 360 000
FEB	3 340 000	AUG	1 620 000
MAR	5 300 000	SEP	2 600 000
APR	7 270 000	OCT	2 890 000
MAY	4 580 000	NOV	3 210 000
JUN	3 930 000	DEC	2 700 000

TOTAL DISCHARGE, 42 500 000 dam³

OTTAWA RIVER AT CUMBERLAND - STATION NO. 02LB010

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.569	5.569	6.590	5.888	5.665	5.782	5.582	5.267	5.347	5.357	5.610	5.455	1
2	5.518	5.583	6.390	5.917	5.639	5.819	5.552	5.250	5.343	5.375	5.587	5.449	2
3	5.441	5.532	6.131	5.912	5.699	5.858	5.533	5.300	5.328	5.341	5.526	5.417	3
4	5.486	5.395	5.881	5.931	5.704	5.820	5.522	5.309	5.332	5.282	5.483	5.408	4
5	5.465	5.387	5.771	5.980	5.681	5.786	5.534	5.372	5.350	5.322	5.522	5.412	5
6	5.620	5.379	5.716	5.990	5.651	5.742	5.537	5.351	5.372	5.363	5.550	5.385	6
7	5.642	5.538	5.702	6.117	5.595	5.710	5.502	5.335	5.405	5.316	5.532	5.355	7
8	5.532	5.528	5.631	6.194	5.605	5.767	5.481	5.387	5.437	5.353	5.496	5.358	8
9	5.489	5.513	5.492	6.205	5.642	5.779	5.432	5.349	5.522	5.374	5.493	5.343	9
10	5.522	5.519	5.422	6.182	5.638	5.749	5.395	5.326	5.511	5.379	5.506	5.315	10
11	5.474	5.537	5.346	6.118	5.664	5.735	5.406	5.339	5.534	5.404	5.496	5.354	11
12	5.479	5.590	5.302	6.156	5.718	5.707	5.379	5.329	5.573	5.404	5.388	5.354	12
13	5.521	5.587	5.362	6.211	5.719	5.709	5.401	5.307	5.543	5.409	5.370	5.402	13
14	5.495	5.653	5.491	6.183	5.800	5.698	5.382	5.315	5.525	5.416	5.418	5.462	14
15	5.527	5.689	5.559	6.219	5.853	5.683	5.331	5.330	5.489	5.370	5.402	5.413	15
16	5.572	5.665	5.624	6.247	5.824	5.678	5.327	5.299	5.479	5.381	5.409	5.316	16
17	5.583	5.668	5.658	6.223	5.838	5.728	5.323	5.311	5.480	5.326	5.438	5.335	17
18	5.574	5.748	5.593	6.144	5.780	5.718	5.328	5.306	5.435	5.402	5.483	5.456	18
19	5.640	5.888	5.802	6.103	5.793	5.715	5.337	5.307	5.368	5.373	5.470	5.443	19
20	5.552	6.076	5.841	6.083	5.911	5.716	5.344	5.302	5.384	5.357	5.477	5.395	20
21	5.448	6.466	5.733	6.039	5.934	5.651	5.336	5.281	5.386	5.332	5.474	5.416	21
22	5.515	6.643	5.624	6.031	5.804	5.700	5.297	5.298	5.406	5.386	5.461	5.418	22
23	5.528	6.769	5.541	6.018	5.807	5.787	5.272	5.244	5.364	5.450	5.420	5.441	23
24	5.505	6.985	5.609	5.930	5.768	5.758	5.296	5.251	5.239	5.414	5.299	5.473	24
25	5.556	7.211	5.714	5.807	5.719	5.678	5.298	5.299	5.053	5.457	5.450	5.400	25
26	5.614	7.245	5.668	5.731	5.748	5.625	5.258	5.257	4.851	5.888	5.459	5.409	26
27	5.577	7.068	5.629	5.702	5.751	5.595	5.256	5.244	5.216	5.593	5.467	5.430	27
28	5.584	6.811	5.579	5.720	5.718	5.577	5.321	5.262	5.403	5.716	5.389	5.414	28
29	5.573		5.581	5.737	5.753	5.552	5.345	5.295	5.342	5.712	5.293	5.419	29
30	5.418		5.691	5.751	5.734	5.558	5.326	5.290	5.302	5.685	5.342	5.393	30
31	5.451		5.796		5.726		5.291	5.322		5.651		5.339	31
MEAN	5.531	5.973	5.693	6.016	5.738	5.713	5.385	5.304	5.377	5.425	5.457	5.399	MEAN
MAX	5.642	7.245	6.590	6.247	5.934	5.858	5.582	5.387	5.573	5.716	5.610	5.473	MAX
MIN	5.418	5.379	5.302	5.702	5.595	5.552	5.256	5.244	4.851	5.282	5.293	5.315	MIN

WATER LEVELS IN METRES

MEAN, 5.580
MAXIMUM DAILY, 7.245 ON FEB 26
MINIMUM DAILY, 4.851 ON SEP 26
MAXIMUM INSTANTANEOUS,
7.276 AT 03:04 EST ON FEB 26

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 36.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 31 17 N
LONG 75 24 45 W

REGULATED

OTTAWA RIVER AT DES JOACHIMS - STATION NO. 02KA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	888	601	717	1 230	1 260	1 250	977	471	510	482	976	764	1
2	912	548	625	1 380	1 180	1 170	823	457	471	51[illegible]	[illegible]84	61[illegible]	2
3	937	808	647	1 560	1 070	1 130	944	425	523	[illegible]	97[illegible]	753	3
4	706	671	991	1 670	1 140	1 220	895	506	535	[illegible]	[illegible]15	695	4
5	611	615	1 050	1 780	1 130	1 240	868	524	645	5[illegible]	852	711	5
6	791	681	1 100	1 800	1 140	1 240	892	500	608	453	736	7[illegible]7	6
7	775	685	1 070	1 720	1 150	1 240	701	44[illegible]	587	562	876	[illegible]12	7
8	786	781	1 020	1 600	1 110	1 240	813	45[illegible]	589	621	934	651	8
9	845	628	1 110	1 810	866	1 170	796	[illegible]01	612	578	937	686	9
10	617	764	1 170	2 320	935	1 240	804	[illegible]30	511	628	674	730	10
11	727	863	1 200	2 330	9[illegible]	1 240	685	461	606	558	737	722	11
12	796	856	1 240	2 420	939	1 190	556	457	632	568	872	688	12
13	707	752	1 240	2 430	[illegible]80	1 150	547	451	613	534	830	627	13
14	632	797	1 240	2 280	1 250	965	555	459	650	559	753	703	14
15	641	742	1 250	2 320	[illegible]260	1 010	597	466	650	586	731	773	15
16	706	640	1 250	2 340	1 260	1 180	619	351	554	598	659	748	16
17	675	812	1 250	2 340	1 260	1 180	613	455	548	512	862	622	17
18	622	774	1 250	2 350	1 260	1 250	595	328	551	522	786	668	18
19	694	748	1 250	2 360	1 260	1 020	211	346	570	623	740	623	19
20	657	922	1 260	2 370	1 110	1 020	388	337	525	662	817	604	20
21	727	988	1 260	2 270	1 260	1 090	556	329	571	598	810	640	21
22	693	1 090	1 260	1 940	1 260	965	557	306	550	699	806	616	22
23	750	991	1 260	1 670	1 270	916	477	446	553	804	702	553	23
24	664	794	1 260	1 640	1 250	904	566	337	537	875	732	626	24
25	721	861	1 100	1 640	1 190	955	561	395	527	965	772	609	25
26	723	762	1 140	1 380	1 120	1 070	529	468	526	989	662	600	26
27	611	838	1 150	1 080	1 200	1 030	496	426	489	1 100	726	524	27
28	695	795	1 080	1 120	1 250	867	425	414	621	1 060	702	519	28
29	744		1 150	1 240	1 250	867	494	477	565	954	744	642	29
30	668		1 190	1 260	1 240	928	480	367	481	1 020	749	574	30
31	660		1 180		1 240		444	522		1 050		687	31
TOTAL	22 381	21 807	34 960	55 650	36 152	32 937	19 464	13 190	16 913	21 167	24 002	20 475	TOTAL
MEAN	722	779	1 130	1 860	1 170	1 100	628	425	564	683	800	660	MEAN
MAX	937	1 090	1 260	2 430	1 270	1 250	977	524	650	1 100	984	777	MAX
MIN	611	548	625	1 080	866	867	211	306	471	449	659	519	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 874
MAXIMUM DAILY, 2 430 ON APR [illegible]
MINIMUM DAILY, 211 ON JUL [illegible]

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 11 00 N
LONG 77 41 52 W
DRAINAGE AREA, 57 500 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 930 000	JUL	1 680 000
FEB	1 880 000	AUG	1 140 000
MAR	3 020 000	SEP	1 460 000
APR	4 810 000	OCT	1 830 000
MAY	3 120 000	NOV	2 070 000
JUN	2 850 000	DEC	1 770 000

TOTAL DISCHARGE, 27 600 000 dam³

OTTAWA RIVER AT LA CAVE RAPIDS - STATION NO. 02JE012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	658	568	328	933	939	1 080	748	440	469	436	856	671	1
2	707	606	357	947	862	1 070	731	441	495	394	902	651	2
3	772	680	378	923	848	971	751	426	479	432	837	650	3
4	673	641	667	933	853	1 030	732	434	533	390	831	673	4
5	716	621	683	958	971	1 070	719	425	524	348	816	661	5
6	749	602	721	966	911	1 070	699	365	461	391	692	646	6
7	713	628	712	974	865	1 080	665	452	481	473	714	660	7
8	699	686	689	1 020	867	1 070	709	458	479	403	800	639	8
9	696	590	770	1 190	722	1 070	652	358	464	461	726	690	9
10	616	718	920	1 430	735	1 070	707	438	408	453	635	672	10
11	694	676	958	1 610	713	1 070	596	376	492	436	635	669	11
12	788	782	1 060	1 690	712	998	397	418	453	370	760	623	12
13	673	765	1 050	1 700	716	958	474	462	527	437	731	578	13
14	672	763	1 080	1 790	812	772	572	409	484	431	729	692	14
15	624	625	1 060	1 870	766	853	537	441	477	483	652	701	15
16	656	609	1 060	1 810	937	860	520	326	512	464	726	658	16
17	597	758	1 070	1 850	914	809	558	358	468	463	746	571	17
18	585	654	1 050	1 980	852	865	490	346	466	400	687	652	18
19	641	753	1 050	1 950	969	761	155	344	478	527	676	582	19
20	661	759	1 050	1 970	876	785	417	289	457	471	766	616	20
21	678	789	1 040	1 840	941	734	461	383	465	483	706	592	21
22	698	841	1 020	1 720	945	682	483	312	468	514	654	556	22
23	678	736	1 020	1 660	1 030	788	406	349	494	636	667	557	23
24	627	670	1 000	1 640	1 030	764	480	369	463	694	697	570	24
25	590	539	726	1 530	971	722	516	364	448	748	671	510	25
26	619	359	865	1 300	961	804	371	421	523	740	705	567	26
27	584	523	781	1 100	1 020	763	490	383	455	986	739	487	27
28	592	493	754	967	1 100	746	387	420	458	885	654	568	28
29	595		779	967	1 090	742	442	445	448	874	646	568	29
30	648		838	950	1 090	768	421	341	420	936	673	519	30
31	670		856		1 090		406	438		954		645	31
TOTAL	20 505	18 430	26 392	42 168	28 108	26 825	16 692	12 231	14 245	17 073	21 729	19 094	TOTAL
MEAN	661	658	851	1 410	907	894	538	395	475	551	724	616	MEAN
MAX	788	841	1 080	1 980	1 100	1 080	751	462	533	986	902	701	MAX
MIN	584	359	328	923	712	682	155	289	408	348	635	487	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 722
MAXIMUM DAILY, 1 980 ON APR 18
MINIMUM DAILY, 155 ON JUL 19

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 22 40 N
LONG 78 43 24 W
DRAINAGE AREA, 47 900 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 770 000	JUL	1 440 000
FEB	1 590 000	AUG	1 060 000
MAR	2 280 000	SEP	1 230 000
APR	3 640 000	OCT	1 480 000
MAY	2 430 000	NOV	1 880 000
JUN	2 320 000	DEC	1 650 000

TOTAL DISCHARGE, 22 800 000 dam³

OTTAWA RIVER AT LAKE TIMISKAMING - STATION NO. 02JE011

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.283	3.801	3.518	2.656	4.831	5.429	5.422	5.003	4.798	4.643	5.223	4.706	1
2	4.255	3.790	3.616	2.806	4.892	5.422	5.408	4.977	4.783	4.633	5.184	4.696	2
3	4.248	3.791	3.711	2.927	4.937	5.432	5.395	4.953	4.769	4.618	5.149	4.685	3
4	4.231	3.782	3.765	3.079	4.987	5.468	5.391	4.934	4.773	4.618	5.109	4.679	4
5	4.216	3.784	3.766	3.306	5.019	5.488	5.376	4.915	4.772	4.612	5.091	4.660	5
6	4.213	3.773	3.768	3.506	5.046	5.479	5.367	4.906	4.773	4.605	5.072	4.646	6
7	4.201	3.755	3.761	3.693	5.051	5.463	5.362	4.897	4.769	4.637	5.068	4.631	7
8	4.203	3.731	3.750	3.836	5.054	5.475	5.371	4.871	4.759	4.697	5.058	4.605	8
9	4.188	3.710	3.734	4.005	5.065	5.466	5.371	4.851	4.741	4.744	5.043	4.586	9
10	4.170	3.686	3.697	4.190	5.072	5.485	5.363	4.846	4.756	4.774	5.030	4.569	10
11	4.158	3.665	3.640	4.334	5.106	5.430	5.331	4.833	4.760	4.799	5.010	4.558	11
12	4.142	3.641	3.574	4.435	5.159	5.404	5.303	4.819	4.763	4.822	4.994	4.544	12
13	4.120	3.597	3.472	4.505	5.200	5.401	5.284	4.798	4.767	4.843	4.979	4.528	13
14	4.096	3.528	3.381	4.576	5.235	5.389	5.257	4.785	4.766	4.869	4.960	4.512	14
15	4.073	3.481	3.277	4.666	5.282	5.404	5.256	4.752	4.765	4.896	4.936	4.492	15
16	4.049	3.451	3.179	4.729	5.334	5.421	5.260	4.698	4.770	4.921	4.916	4.478	16
17	4.033	3.400	3.081	4.781	5.376	5.424	5.252	4.674	4.766	4.949	4.901	4.466	17
18	4.005	3.348	2.993	4.816	5.403	5.430	5.255	4.656	4.767	4.989	4.886	4.451	18
19	3.975	3.300	2.898	4.836	5.436	5.424	5.246	4.636	4.768	5.022	4.872	4.434	19
20	3.943	3.256	2.804	4.804	5.454	5.418	5.225	4.624	4.762	5.081	4.861	4.434	20
21	3.934	3.213	2.705	4.769	5.438	5.412	5.201	4.626	4.764	5.164	4.842	4.434	21
22	3.909	3.165	2.619	4.724	5.424	5.407	5.193	4.644	4.755	5.245	4.827	4.428	22
23	3.886	3.130	2.542	4.683	5.417	5.405	5.185	4.679	4.745	5.306	4.806	4.440	23
24	3.858	3.174	2.487	4.646	5.413	5.415	5.166	4.698	4.745	5.378	4.781	4.452	24
25	3.845	3.230	2.449	4.619	5.423	5.427	5.142	4.718	4.747	5.426	4.766	4.450	25
26	3.833	3.289	2.422	4.607	5.450	5.420	5.108	4.737	4.749	5.455	4.751	4.451	26
27	3.829	3.384	2.393	4.627	5.468	5.435	5.083	4.742	4.739	5.449	4.744	4.451	27
28	3.834	3.450	2.376	4.660	5.465	5.429	5.070	4.760	4.720	5.430	4.734	4.461	28
29	3.836		2.373	4.711	5.462	5.433	5.049	4.784	4.689	5.385	4.721	4.459	29
30	3.829		2.450	4.766	5.454	5.427	5.033	4.797	4.655	5.315	4.715	4.475	30
31	3.813		2.539		5.435		5.022	4.799		5.272		4.488	31
MEAN	4.039	3.511	3.121	4.243	5.251	5.431	5.250	4.787	4.755	4.987	4.934	4.527	MEAN
MAX	4.283	3.801	3.768	4.836	5.468	5.488	5.422	5.003	4.798	5.455	5.223	4.706	MAX
MIN	3.813	3.130	2.373	2.656	4.831	5.389	5.022	4.624	4.655	4.605	4.715	4.428	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1981

MEAN, 4.575
MAXIMUM DAILY, 5.488 ON JUN 5
MINIMUM DAILY, 2.373 ON MAR 29
MAXIMUM INSTANTANEOUS,
5.502 AT 19:30 EST ON JUN 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 27 02 N
LONG 79 37 50 W

REGULATED SINCE 1910

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 174.041 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

OTTAWA RIVER AT MATTAWA - STATION NO. 02JE013

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	152.704	152.615	152.503	152.230	153.070E	152.982	152.822	152.525	152.560E	152.500E	152.816	152.700E	1
2	152.601	152.669	152.541	152.355	152.870E	152.990	152.771	152.533	152.590E	152.480E	152.891	152.730E	2
3	152.549	152.715	152.498	152.357	152.910E	152.918	152.779	152.526	152.610E	152.480E	152.804	152.680E	3
4	152.412	152.711	152.621	152.426	152.930E	152.950	152.704	152.575	152.650E	152.480E	152.808	152.710E	4
5	152.578	152.704	152.498	152.583	153.073A	153.006	152.703	152.555	152.655E	152.420E	152.814	152.695E	5
6	152.572	152.705	152.386	152.621	152.970	153.005	152.651	152.455	152.580E	152.500E	152.655	152.630E	6
7	152.569	152.724	152.268	152.580	152.883	153.010	152.668	152.526	152.580E	152.560E	152.637	152.620E	7
8	152.567	152.767	152.142	152.602	152.844	153.036	152.746	152.563	152.630E	152.495E	152.729	152.630E	8
9	152.525	152.663	152.154	152.866	152.731	153.058	152.695	152.514	152.520E	152.560E	152.615	152.613	9
10	152.460E	152.784	152.370	153.211	152.736	153.080	152.738	152.580	152.570E	152.595E	152.435	152.604	10
11	152.511	152.699	152.400	153.560E	152.751	153.085	152.637	152.555	152.668	152.525E	152.685	152.634	11
12	152.672	152.740	152.554	153.670E	152.749	153.044	152.441	152.501	152.597	152.580E	152.708	152.577	12
13	152.580E	152.759	152.548	153.660E	152.910	153.003	152.461	152.536	152.650	152.210E	152.655	152.562	13
14	152.565E	152.802	152.555	153.800E	152.916	152.821	152.574	152.528	152.534	152.550E	152.665	152.667	14
15	152.590E	152.725	152.553	153.930E	152.812	152.886	152.592	152.539	152.488	152.235E	152.529	152.645	15
16	152.620E	152.652	152.542	153.860E	152.937	153.064	152.550	152.423	152.559	152.630E	152.667	152.639	16
17	152.590E	152.780	152.526	153.900E	152.911	152.942	152.595	152.445	152.540	152.595E	152.723	152.572	17
18	152.560E	152.711	152.510	154.050E	152.790	152.965	152.501	152.373	152.543	152.650E	152.611	152.657	18
19	152.635E	152.797	152.506	154.005E	152.884	152.841	152.220	152.418	152.561	152.577	152.642	152.539	19
20	152.660E	152.817	152.490	154.005E	152.782	152.855	152.475	152.381	152.540E	152.421	152.740	152.601	20
21	152.700E	152.802	152.463	153.800E	152.842	152.817	152.563	152.436	152.550E	152.568	152.677	152.623	21
22	152.760E	152.824	152.439	153.630E	152.784	152.630	152.583	152.437	152.540E	152.563	152.586	152.659	22
23	152.735E	152.656	152.401	153.565E	152.848	152.776	152.556	152.478	152.590E	152.703	152.572	152.627	23
24	152.700E	152.660	152.361	153.570E	152.824	152.797	152.633	152.444	152.525E	152.700	152.604	152.643	24
25	152.630E	152.682	151.869	153.420E	152.779	152.789	152.615	152.514	152.480E	152.789	152.603	152.552	25
26	152.600E	152.632	152.054	153.200E	152.792	152.858	152.489	152.560E	152.595E	152.724	152.690E	152.552	26
27	152.590E	152.709	151.866	153.050E	152.856	152.749	152.543	152.535E	152.590E	152.980	152.770E	152.546	27
28	152.622	152.747	151.778	153.010E	152.954	152.735	152.413	152.505E	152.560E	152.851	152.690E	152.655	28
29	152.568		151.818	153.035E	152.968	152.790	152.538	152.605E	152.525E	152.843	152.680E	152.640	29
30	152.635		151.896	153.055E	152.974	152.834	152.490	152.525E	152.480E	152.899	152.710E	152.598	30
31	152.615		152.044		152.978		152.472	152.590E		152.977		152.738	31
MEAN	152.602	152.723	152.328	153.254	152.873	152.911	152.588	152.506	152.569	152.601	152.680	152.630	MEAN
MAX	152.760	152.824	152.621	154.050	153.073	153.085	152.822	152.605	152.668	152.980	152.891	152.738	MAX
MIN	152.412	152.615	151.778	152.230	152.731	152.630	152.220	152.373	152.480	152.210	152.435	152.539	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1981

MEAN, 152.687
MAXIMUM DAILY, 154.050E ON APR 18
MINIMUM DAILY, 151.778 ON MAR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 19 00 N
LONG 78 42 30 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

OTTAWA RIVER AT PEMBROKE - STATION NO. 02KC013

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.540	11.350	11.760	11.960	11.940	11.890	11.650	11.160	11.180	11.300	11.750	11.490	1
2	11.570	11.320	11.640	12.020	11.900	11.880	11.620	11.160	11.230	11.300	11.740	11.480	2
3	11.610	11.380	11.580	12.130	11.860	11.840	11.620	11.150	11.230	11.300	11.720	11.500	3
4	11.590	11.400	11.650	12.210	11.840	11.840	11.630	11.170	11.270	11.260	11.670	11.490	4
5	11.430	11.370	11.780	12.340	11.840	11.870	11.600	11.220	11.360	11.280	11.650	11.500	5
6	11.440	11.370	11.820	12.400	11.850	11.890	11.600	11.240	11.400	11.280	11.630	11.510	6
7	11.470	11.380	11.840	12.390	11.820	11.890	11.530	11.200	11.410	11.320	11.630	11.500	7
8	11.490	11.410	11.820	12.340	11.820	11.880	11.500	11.190	11.420	11.390	11.600	11.470	8
9	11.510	11.390	11.820	12.330	11.780	11.870	11.500	11.180	11.450	11.400	11.620	11.500	9
10	11.460	11.410	11.840	12.450	11.700	11.860	11.510	11.170	11.400	11.420	11.540	11.490	10
11	11.450	11.470	11.870	12.600	11.720	11.870	11.510	11.180	11.400	11.420	11.500	11.470	11
12	11.490	11.520	11.890	12.650	11.750	11.860	11.420	11.200	11.420	11.420	11.530	11.460	12
13	11.480	11.510	11.920	12.700	11.770	11.830	11.370	11.190	11.430	11.400	11.550	11.420	13
14	11.430	11.490	11.920	12.700	11.880	11.770	11.320	11.170	11.430E	11.380	11.540	11.420	14
15	11.390	11.470	11.900	12.670	11.950	11.720	11.320	11.180	11.430E	11.380	11.530	11.480	15
16	11.390	11.430	11.910	12.670	11.980	11.780	11.330	11.190	11.420E	11.420	11.500	11.520	16
17	11.390	11.450	11.890	12.670	11.960	11.830	11.330	11.150	11.410E	11.380	11.530	11.440	17
18	11.360	11.470	11.870	12.690	11.950	11.860	11.340	11.140	11.400E	11.350	11.570	11.400	18
19	11.390	11.480	11.890	12.670	11.940	11.850	11.250	11.070	11.390E	11.420	11.530	11.400	19
20	11.380	11.530	11.910	12.680	11.890	11.770	11.100	11.000	11.380E	11.430	11.540	11.380	20
21	11.400	11.620	11.900	12.640	11.900	11.760	11.140	11.030	11.370E	11.450	11.570	11.400	21
22	11.410	11.710	11.890	12.560	11.920	11.770	11.180	11.020	11.360E	11.450	11.570	11.380	22
23	11.450	11.780	11.890	12.410	11.920	11.710	11.190	11.020	11.350E	11.520	11.520	11.370	23
24	11.420	11.780	11.890	12.320	11.920	11.680	11.160	11.080	11.340E	11.580	11.510	11.360	24
25	11.410	11.790	11.850	12.270	11.910	11.660	11.190	11.030	11.330E	11.620	11.530	11.370	25
26	11.420	11.770	11.820	12.210	11.870	11.690	11.240	11.070	11.320E	11.660	11.490	11.370	26
27	11.390	11.770	11.810	12.050	11.850	11.720	11.240	11.110	11.310E	11.710	11.500	11.320	27
28	11.380	11.740	11.790	11.920	11.880	11.670	11.220	11.090	11.310E	11.780	11.510	11.310	28
29	11.400		11.790	11.940	11.890	11.620	11.190	11.090	11.300E	11.740	11.500	11.330	29
30	11.370		11.830	11.950	11.900	11.620	11.210	11.100	11.300E	11.730	11.490	11.320	30
31	11.370		11.900		11.900		11.190	11.120		11.740		11.330	31
MEAN	11.441	11.520	11.835	12.385	11.870	11.792	11.361	11.131	11.358	11.459	11.569	11.425	MEAN
MAX	11.610	11.790	11.920	12.700	11.980	11.890	11.650	11.240	11.450	11.780	11.750	11.520	MAX
MIN	11.360	11.320	11.580	11.920	11.700	11.620	11.100	11.000	11.180	11.260	11.490	11.310	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 11.594
MAXIMUM DAILY, 12.700 ON APR 13
MINIMUM DAILY, 11.000 ON AUG 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 49 45 N
LONG 77 07 02 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 100.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

OTTAWA RIVER NEAR WESTMEATH - STATION NO. 02KC005

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.058	1.989	2.541	2.260	2.142	2.085	1.656A	1.688	1.668	1.707	1.998	1.908	1
2	2.106	1.962	2.417	2.393	2.136	2.082	1.717A	1.669	1.725	1.674	1.986	1.888	2
3	2.099	1.917	2.245	2.556	2.099	2.033	1.727A	1.654	1.771	1.640	1.978	1.870	3
4	2.127	1.932	2.142	2.753	2.033	1.990	1.701A	1.689	1.809	1.618	1.950	1.889	4
5	2.068	1.958	2.164	2.964	2.025	2.037	1.660A	1.799	1.886	1.597	1.883	1.898	5
6	1.973	1.965	2.243	3.169	2.014	2.094	1.615A	1.841	1.941	1.678	1.859	1.890	6
7	2.030	1.972	2.298	3.323	2.019	2.103	1.614	1.838	1.871	1.720	1.825	1.901	7
8	2.068	1.988	2.305	3.389	2.016	2.119	1.627	1.774	1.849	1.715	1.807	1.896	8
9	2.106	2.014	2.274	3.306	1.989	2.116	1.697	1.736	1.851	1.776	1.765	1.823	9
10	2.145	2.020	2.241	3.317	1.885	2.109	1.772	1.679	1.849	1.802	1.757	1.880	10
11	2.110	2.065	2.231	3.418	1.841	2.099	1.793	1.694	1.803	1.840	1.825	1.891	11
12	2.086	2.130	2.251	3.557	1.935	2.099	1.761	1.708	1.772	1.854	1.993	1.920	12
13	2.111	2.165	2.279	3.645	2.024	2.084	1.679	1.718	1.758	1.843	2.096	1.931	13
14	2.126	2.174	2.268	3.674A	2.105	2.032	1.648	1.718	1.770	1.788	2.067	1.920	14
15	2.099	2.173	2.237	3.652A	2.199	1.970	1.609	1.715	1.803	1.737	2.047	1.997	15
16	2.045	2.155	2.240	3.634	2.249	1.987	1.566	1.704	1.792	1.745	2.023	2.084	16
17	2.005	2.121	2.244	3.600	2.280	2.044	1.541	1.679	1.747	1.767	1.983	2.141	17
18	1.979	2.115	2.235	3.572	2.265	2.117	1.520	1.661	1.721	1.765	1.990	2.070	18
19	1.977	2.120	2.254	3.547	2.226	2.164	1.499	1.620	1.691	1.742	1.998	2.021	19
20	2.021	2.085	2.256	3.504	2.158	2.120	1.381	1.555	1.660	1.783	1.992	2.040	20
21	2.047	2.181	2.219	3.472	2.096	2.040	1.210	1.504	1.647	1.825	2.018	2.042	21
22	2.077	2.341	2.193	3.414	2.103	1.989	1.270	1.503	1.660	1.849	2.053	2.033	22
23	2.111	2.449	2.156	3.263	2.116	1.945	1.407	1.487	1.657	1.879	2.065	2.013	23
24	2.127	2.613	2.130	3.053	2.114	1.865E	1.510	1.488	1.665	1.946	2.041	1.996	24
25	2.032	2.698	2.100	2.879	2.114	1.788E	1.573	1.502	1.668	2.041	2.010	1.981	25
26	1.964	2.726	2.038	2.756	2.097	1.741E	1.677	1.499	1.651	2.101	1.994	1.980	26
27	1.986	2.687	1.977	2.592	2.085	1.701E	1.763	1.519	1.639	2.067	1.963	1.967	27
28	2.009	2.621	1.949	2.357	2.027	1.684E	1.746	1.560	1.627	2.076	1.939	1.936	28
29	2.016		1.913	2.179	2.045	1.685E	1.657	1.596	1.685	2.046	1.930	1.898	29
30	2.016		1.950	2.147	2.078	1.664A	1.632	1.623	1.716	2.015	1.916	1.893	30
31	2.005		2.121		2.084		1.680	1.643		2.005		1.883	31
MEAN	2.056	2.191	2.197	3.110	2.083	1.986	1.610	1.647	1.745	1.827	1.958	1.951	MEAN
MAX	2.145	2.726	2.541	3.674	2.280	2.164	1.793	1.841	1.941	2.101	2.096	2.141	MAX
MIN	1.964	1.917	1.913	2.147	1.841	1.664	1.210	1.487	1.627	1.597	1.757	1.823	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 2.027
MAXIMUM DAILY, 3.674A ON APR 14
MINIMUM DAILY, 1.210 ON JUL 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 53 42 N
LONG 76 54 42 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 104.546 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

OUSE RIVER NEAR WESTWOOD - STATION NO. 02HJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.30 B	0.730B	14.2	7.69	2.65	2.02	1.62	0.938	0.698	0.868	4.10	2.90B	1
2	1.26 B	0.750B	12.0 B	7.33	2.49	1.85	1.57	0.829	0.715	0.842	3.41	2.80B	2
3	1.22 B	0.800B	9.22B	6.46	2.36	1.78	1.53	0.780	0.732	0.848	2.90	2.70B	3
4	1.19 B	0.759B	8.74B	5.95	2.26	1.78	1.49	0.763	0.946	0.858	2.57	2.60B	4
5	1.16 B	0.740B	8.08B	5.91	2.15	1.74	1.79	0.834	1.79	0.861	2.39	2.40B	5
6	1.12 B	0.720B	6.76B	5.54	2.06	1.65	2.56	0.821	2.61	0.904	2.51	2.30B	6
7	1.09 B	0.700B	6.78	4.94	1.98	1.55	2.40	0.755	2.87	0.974	2.96	2.15B	7
8	1.06 B	0.690B	6.41	4.41	1.95	1.46	1.95	0.713	2.76	1.03	3.13	2.05B	8
9	1.03 B	0.680B	6.18	4.05	1.87	1.48	1.67	0.781	2.87	1.00	2.86	2.00B	9
10	1.00 B	0.670B	5.89	3.72	1.88	1.50	1.51	0.951	2.64	0.984	2.55	1.94	10
11	0.980B	1.00 B	5.74B	3.67	2.30	1.48	1.39	1.03	2.24	1.01	2.44	1.96	11
12	0.960B	1.50 B	4.84B	3.61	3.74	1.40	1.27	1.02	2.04	1.06	2.35	1.88	12
13	0.940B	2.00 B	4.98B	3.37	4.18	1.36	1.19	0.907	1.80	1.06	2.24	1.86	13
14	0.920B	2.60 B	3.64B	3.66	3.70	1.33	1.07	0.849	1.59	0.883	2.16	1.83	14
15	0.900B	2.70 B	4.14B	3.99	3.39	1.45	1.01	1.02	1.42	0.859	2.15	1.83	15
16	0.880B	2.80 B	3.80B	3.92	3.11	2.53	0.970	1.85	1.31	0.889	2.26	1.78B	16
17	0.860B	3.50 B	3.44B	3.63	2.81	6.33	0.936	1.92	1.19	0.909	2.98	1.73B	17
18	0.850B	8.50 B	3.15B	4.22	2.51	6.49	1.03	1.57	1.17	1.11	3.20	1.68B	18
19	0.830B	15.0 B	2.93B	4.49	2.30	4.38	1.17	1.36	1.12	1.41	3.02	1.58B	19
20	0.820B	23.0 B	2.77B	3.95	2.17	2.87	1.27	1.16	1.07	1.43	3.19	1.50B	20
21	0.800B	28.0 B	2.76B	3.32	1.99	2.25	1.17	1.03	1.05	1.34	4.51	1.42B	21
22	0.790B	32.7 B	2.91	3.04	1.89	2.64	1.04	0.912	1.04	1.45	4.84	1.40B	22
23	0.780B	40.0 B	2.97	2.91	1.83	4.69	0.916	0.839	1.00	1.69	4.27	1.42B	23
24	0.770B	60.6	3.14	3.19	1.73	4.67	0.898	0.781	0.955	1.85	3.62	1.44B	24
25	0.760B	48.5	3.23	3.50	1.67	3.83	0.813	0.740	0.913	1.95	3.05	1.46B	25
26	0.750B	26.7	3.30	3.41	1.67	2.97	0.835	0.683	0.899	1.95	2.71	1.46B	26
27	0.800B	19.4	3.37	3.13	1.70	2.44	0.787	0.660	0.937	2.73	3.36	1.45B	27
28	0.860B	16.1	3.43	2.91	2.11	2.08	0.829	0.647	0.960	5.41	4.42	1.44B	28
29	0.800B		3.53	2.83	2.45	1.87	1.13	0.651	0.962	6.93	3.70B	1.42B	29
30	0.760B		4.29	2.79	2.37	1.73	1.16	0.639	0.910	6.39	3.10B	1.40B	30
31	0.740B		6.68		2.18		1.08	0.702		5.18		1.41B	31
TOTAL	28.980	337.839	163.30	125.54	73.45	75.60	40.054	29.135	43.207	56.659	92.95	57.19	TOTAL
MEAN	0.935	12.1	5.27	4.18	2.37	2.52	1.29	0.940	1.44	1.83	3.10	1.84	MEAN
MAX	1.30	60.6	14.2	7.69	4.18	6.49	2.56	1.92	2.87	6.93	4.84	2.90	MAX
MIN	0.740	0.670	2.76	2.79	1.67	1.33	0.787	0.639	0.698	0.842	2.15	1.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.08
MAXIMUM DAILY, 60.6 ON FEB 24
MINIMUM DAILY, 0.639 ON AUG 30
MAXIMUM INSTANTANEOUS,
64.5 AT 14:00 EST ON FEB 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 17 50 N
LONG 78 02 50 W
DRAINAGE AREA, 282 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 500	JUL	3 460
FEB	29 200	AUG	2 520
MAR	14 100	SEP	3 730
APR	10 800	OCT	4 900
MAY	6 350	NOV	8 030
JUN	6 530	DEC	4 940

TOTAL DISCHARGE, 97 100 dam³

OXTONGUE RIVER NEAR DWIGHT - STATION NO. 02EB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	22.8	22.5	10.2	7.76	1
2	---	---	---	---	---	---	---	---	34.5	22.9	8.77	7.65	2
3	---	---	---	---	---	---	---	---	47.5	23.2	8.12	7.85	3
4	---	---	---	---	---	---	---	---	56.9	22.9	7.80	8.05	4
5	---	---	---	---	---	---	---	---	60.3	22.2	7.70	8.03	5
6	---	---	---	---	---	---	---	---	60.0	21.8	7.31	7.74	6
7	---	---	---	---	---	---	---	---	56.2	22.6	6.04	7.45	7
8	---	---	---	---	---	---	---	---	51.4	23.8	5.34	7.36	8
9	---	---	---	---	---	---	---	---	45.9	23.8	5.04	7.12	9
10	---	---	---	---	---	---	---	---	45.3	22.9	4.79	6.86	10
11	---	---	---	---	---	---	---	---	48.8	22.0	4.60	6.84	11
12	---	---	---	---	---	---	---	---	51.2	21.2	4.45	6.66	12
13	---	---	---	---	---	---	---	---	48.5	20.7	4.31	6.52	13
14	---	---	---	---	---	---	---	---	44.0	20.3	4.25	6.30B	14
15	---	---	---	---	---	---	---	---	39.0	19.8	4.21	6.20B	15
16	---	---	---	---	---	---	---	---	34.8	19.5	4.21	6.10B	16
17	---	---	---	---	---	---	---	---	31.3	19.1	4.36	6.05B	17
18	---	---	---	---	---	---	---	---	28.2	19.9	4.53	6.01B	18
19	---	---	---	---	---	---	---	---	26.1	23.2	4.59	6.00B	19
20	---	---	---	---	---	---	---	---	24.5	25.3	4.90	5.99B	20
21	---	---	---	---	---	---	---	---	23.0	24.7	5.26	5.98B	21
22	---	---	---	---	---	---	---	---	21.6	23.6	5.30	5.91	22
23	---	---	---	---	---	---	---	---	20.3	22.6	5.21	5.64	23
24	---	---	---	---	---	---	---	---	19.1	21.6	5.11	5.40	24
25	---	---	---	---	---	---	---	---	18.1	20.6	4.95	5.20B	25
26	---	---	---	---	---	---	---	---	17.6	20.0	4.88	5.10B	26
27	---	---	---	---	---	---	---	---	19.9	19.5	4.95	4.98B	27
28	---	---	---	---	---	---	---	---	22.6	18.7	4.29	4.70B	28
29	---		---	---	---	---	---	---	23.1	17.7	7.95	4.65B	29
30	---		---	---	---	---	---	---	22.5	16.7	7.86	4.40B	30
31	---		---		---		---	17.3A		14.3		4.38B	31
TOTAL	---	---	---	---	---	---	---	---	1 065.0	659.6	175.28	194.88	TOTAL
MEAN	---	---	---	---	---	---	---	---	35.5	21.3	5.84	6.29	MEAN
MAX	---	---	---	---	---	---	---	---	60.3	25.3	10.2	8.05	MAX
MIN	---	---	---	---	---	---	---	---	17.6	14.3	4.21	4.38	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 60.3 ON SEP 5

MAXIMUM INSTANTANEOUS,
61.0 AT 23:07 EST ON SEP 5

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 18 47 N
LONG 78 59 32 W
DRAINAGE AREA, 601 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	92 000
APR	---	OCT	57 000
MAY	---	NOV	15 100
JUN	---	DEC	16 800

PAGWACHUAN RIVER AT HIGHWAY NO. 11 - STATION NO. 04JD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.30B	2.50B	5.50B	5.90B	72.5	46.4	18.6	2.33	1.01	1.09	4.21	3.55B	1
2	4.20B	2.47B	5.60B	9.80B	70.4	42.5	17.6	2.31	1.09	1.09	4.75	3.53B	2
3	4.10B	2.43B	5.50B	14.5 B	72.6	38.8	16.2	2.25	1.15	1.06	4.93	3.51B	3
4	4.00B	2.40B	5.45B	17.2 B	101	35.5	15.2	2.15	1.15	1.05	4.91	3.50B	4
5	3.95B	2.38B	5.40B	19.5 B	111	32.5	14.1	2.01	1.10	1.05	4.92	3.48B	5
6	3.85B	2.36B	5.30B	21.0 B	101	30.8	12.9	1.87	1.03	1.22	5.03	3.45B	6
7	3.80B	2.33B	5.20B	23.0 B	91.6	28.6	11.6	1.79	0.949	1.47	4.84	3.42B	7
8	3.70B	2.32B	5.15B	26.5 B	86.4	29.9	10.6	1.74	1.03	1.60	4.72	3.40B	8
9	3.65B	2.30B	5.05B	31.0 B	81.7	35.0	9.69	1.73	1.02	1.63	4.45	3.38B	9
10	3.60B	2.29B	5.00B	36.0 B	73.7	36.1	8.67	2.13	1.03	1.65	4.18B	3.35B	10
11	3.55B	2.28B	4.95B	44.0 B	71.5	34.7	7.86	2.33	1.04	1.70	4.00B	3.33B	11
12	3.50B	2.27B	4.85B	49.0 B	70.3	33.2	7.16	2.32	1.16	1.84	3.94	3.30B	12
13	3.45B	2.25B	4.80B	54.0 B	68.2	30.9	6.91	2.14	1.28	2.06	3.92B	3.28B	13
14	3.40B	2.23B	4.70B	57.0 B	65.3	30.5	6.70	1.97	1.34	2.20	3.90B	3.23B	14
15	3.30B	2.23B	4.65B	59.0 B	62.3	32.4	6.33	2.11	1.28	2.50	3.88B	3.19B	15
16	3.25B	2.25B	4.60B	60.5 B	58.4	35.1	5.87	2.35	1.22	2.70	3.85B	3.18B	16
17	3.20B	2.30B	4.55B	61.0 B	53.3	35.1	5.41	2.21	1.17	2.69	3.83B	3.15B	17
18	3.15B	2.40B	4.50B	59.0 B	48.5	33.4	5.02	2.02	1.09	3.24	3.81B	3.10B	18
19	3.10B	2.50B	4.45B	56.0 B	44.4	31.3	4.72	1.82	1.09	3.88	3.80B	3.05B	19
20	3.05B	2.75B	4.40B	53.0 B	41.2	28.3	4.81	1.64	1.06	4.18	3.80B	3.02B	20
21	3.00B	3.05B	4.35B	50.0 B	38.7	26.7	4.85	1.54	1.05	4.01	3.78B	3.00B	21
22	2.95B	3.40B	4.35B	47.0 B	36.6	25.7	4.55	1.42	1.00	3.86	3.75B	2.98B	22
23	2.90B	3.70B	4.30B	44.0 B	34.7	24.2	4.13	1.36	0.937	3.81	3.72B	2.92B	23
24	2.85B	4.00B	4.25B	43.9	32.8	22.1	3.79	1.28	0.930	3.50	3.70B	2.88B	24
25	2.80B	4.30B	4.23B	43.2	32.9	20.2	3.67	1.18	0.935	3.57	3.69B	2.83B	25
26	2.75B	4.70B	4.23B	43.3	43.9	18.3	3.60	1.14	0.940	3.62	3.68B	2.78B	26
27	2.70B	5.00B	4.23B	48.1	52.8	16.8	3.41	1.08	1.01	3.69	3.64B	2.72B	27
28	2.65B	5.20B	4.25B	56.7	54.2	15.7	3.15	1.02	1.09	3.71	3.61B	2.69B	28
29	2.60B		4.35B	67.1	51.1	16.0	2.89	0.987	1.09	3.61	3.60B	2.65B	29
30	2.57B		4.60B	72.1	51.7	17.9	2.66	0.983	1.09	3.62	3.58B	2.62B	30
31	2.55B		5.10B		50.6		2.44	0.936		3.74		2.57B	31
TOTAL	102.42	80.59	147.84	1 272.30	1 925.3	884.6	235.09	54.146	32.361	80.64	122.42	97.04	TOTAL
MEAN	3.30	2.88	4.77	42.4	62.1	29.5	7.58	1.75	1.08	2.60	4.08	3.13	MEAN
MAX	4.30	5.20	5.60	72.1	111	46.4	18.6	2.35	1.34	4.18	5.03	3.55	MAX
MIN	2.55	2.23	4.23	5.90	32.8	15.7	2.44	0.936	0.930	1.05	3.58	2.57	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.8
MAXIMUM DAILY, 111 ON MAY 5
MINIMUM DAILY, 0.930 ON SEP 24
MAXIMUM INSTANTANEOUS,
113 AT 06:12 EST ON MAY 5

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 00 N
LONG 85 14 00 W
DRAINAGE AREA, 2 020 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 850	JUL	20 300
FEB	6 960	AUG	4 680
MAR	12 800	SEP	2 800
APR	110 000	OCT	6 970
MAY	166 000	NOV	10 600
JUN	76 400	DEC	8 380

TOTAL DISCHARGE, 435 000 dam³

PARKHILL CREEK ABOVE PARKHILL RESERVOIR - STATION NO. 02FF008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.092B	0.290B	3.77	1.56	1.69	0.215	0.082	0.032	4.51	8.14	1.34	1.80	1
2	0.092B	0.370B	2.49	1.16	1.22	0.170	0.070	0.019	16.1	9.26	1.06	5.75	2
3	0.091B	0.450B	1.75	0.885	0.915	0.154	0.057	0.035	3.56	4.33	0.883	3.56	3
4	0.091B	0.517B	1.53	0.804	0.716	0.151	0.048	0.034	18.8	2.43	0.751	2.32	4
5	0.090B	0.475B	1.27	0.645	0.594	0.128	0.047	0.057	9.65	1.70	0.667	1.77	5
6	0.089B	0.437B	1.16	0.478	0.502	0.109	0.047	0.066	3.67	1.98	2.37	1.44	6
7	0.088B	0.395B	1.11	0.358	0.381	0.093	0.036	0.033	2.02	4.06	5.40	1.31	7
8	0.087B	0.360B	1.02	0.304	0.303	0.086	0.032	0.022	1.23	5.69	2.61	3.02	8
9	0.086B	0.330B	1.41	0.295	0.266	0.146	0.026	0.015	0.833	2.88	1.70	3.26	9
10	0.085B	0.300B	2.10	0.273	0.332	0.133	0.019	0.011	0.594	1.89	1.16	2.02	10
11	0.084B	0.550B	2.15	0.274	4.50	0.098	0.014	0.010	0.412	1.34	0.943	1.51	11
12	0.083B	1.00 B	1.73	0.349	6.84	0.076	0.009	0.008	0.261	0.929	0.760	1.12	12
13	0.082B	1.60 B	1.42 B	0.292	2.77	0.061	0.009	0.008	0.173	0.750	0.626	0.945	13
14	0.081B	1.45 B	1.19 B	1.85	1.82	0.065	0.008	0.008	0.321	0.599	0.555	0.857	14
15	0.080B	1.28 B	1.00 B	2.58	1.56	0.073	0.008	0.010	0.299	0.506	0.493	0.817	15
16	0.079B	1.12 B	1.06 B	1.49	1.44	0.065	0.008	0.009	0.165	0.470	0.448	0.793	16
17	0.078B	3.50 B	0.720B	1.49	1.15	0.059	0.008	0.008	0.232	0.415	0.419	0.717	17
18	0.077B	13.0 B	0.580B	1.87	0.894	0.051	0.010	0.008	0.692	3.09	0.383	0.630B	18
19	0.076B	23.4 B	0.540B	1.32	0.717	0.042	0.010	0.009	0.599	5.54	0.353	0.580B	19
20	0.075B	22.8 B	0.520B	1.04	0.579	0.038	0.009	0.007	0.409	3.45	2.51	0.550B	20
21	0.074B	21.5 B	0.505B	0.787	0.455	0.160	0.009	0.007	1.33	2.08	7.34	0.535B	21
22	0.073B	20.0 B	0.502B	0.656	0.176	2.26	0.010	0.007	7.96	7.01	3.74	0.520B	22
23	0.073B	26.0	1.00	0.916	0.307	2.56	0.009	0.007	3.52	10.7	2.26	0.700B	23
24	0.072B	20.6	1.53	1.17	0.268	1.29	0.008	0.007	1.96	3.92	1.54	1.06 B	24
25	0.071B	9.16	1.59	1.09	0.267	0.710	0.007	0.006	1.26	2.34	1.22	0.980B	25
26	0.078B	4.41	1.48	0.822	0.255	0.393	0.007	0.006	0.916	1.72	1.11	0.890B	26
27	0.120B	2.84	2.37	0.675	0.293	0.222	0.007	0.006	1.35	3.01	3.43	0.800B	27
28	0.215B	3.85	1.99	3.15	0.440	0.147	0.014	0.007	1.50	10.1	2.72	0.750B	28
29	0.260B		1.58	5.60	0.410	0.110	0.031	0.008	0.973	3.91	1.77	0.700B	29
30	0.300B		1.63	2.56	0.341	0.090	0.053	0.015	0.667	2.72	1.43	0.670B	30
31	0.265B		2.28		0.314		0.040	6.73		1.[illegible]		0.670B	31
TOTAL	3.287	181.984	44.937	36.763	32.915	9.955	0.752	7.215	85.966	109.059	51.991	43.044	TOTAL
MEAN	0.106	6.50	1.45	1.23	1.06	0.332	0.024	0.233	2.87	3.52	1.73	1.39	MEAN
MAX	0.300	26.0	3.77	5.60	6.84	2.56	0.082	6.73	18.8	10.8	7.34	5.75	MAX
MIN	0.071	0.290	0.502	0.273	0.255	0.038	0.007	0.006	0.165	0.415	0.353	0.520	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.67
MAXIMUM DAILY, 26.0 ON FEB 23
MINIMUM DAILY, 0.006 ON AUG 25
MAXIMUM INSTANTANEOUS,
30.7 AT 01:39 EST ON SEP 2

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 09 49 N
LONG 81 37 54 W
DRAINAGE AREA, 110 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	284	JUL	65.0
FEB	15 700	AUG	623
MAR	3 880	SEP	7 430
APR	3 180	OCT	9 420
MAY	2 840	NOV	4 490
JUN	860	DEC	3 720

TOTAL DISCHARGE, 52 500 dam³

PASHKOKOGAN RIVER AT OUTLET OF PASHKOKOGAN LAKE - STATION NO. 04GA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.6 E	9.41	8.53	7.93	8.88	13.0	16.3	10.8	6.11	4.19	4.21	4.55E	1
2	10.6 E	9.32	8.61	8.07	9.12	13.2	16.3	9.88	5.90	4.36	4.14	4.55E	2
3	10.6 E	9.27	8.45	8.04	9.23	13.4	16.3	9.64	5.87	4.34	4.10	4.55E	3
4	10.6 E	9.21	8.38	7.91	9.21	13.8	16.4	9.49	5.73	4.26	4.12E	4.54E	4
5	10.5 E	9.14	8.39	8.01	9.32	14.4	17.0	9.42	5.71	4.33	4.15E	4.54E	5
6	10.5 E	9.12	8.37	8.06	9.54	13.3	16.4	9.56	5.72	4.29	4.20E	4.54E	6
7	10.5 E	8.94	8.34	8.02	9.78	13.5	17.2	9.63	6.03	4.26	4.24E	4.53E	7
8	10.5 E	8.89	8.35	7.98	9.38	13.9	16.9	9.46	5.85	4.19	4.27E	4.53E	8
9	10.5 E	8.92	8.32	8.01	9.59	14.2	17.2	9.25	5.78E	4.10	4.30E	4.53E	9
10	10.4 E	8.66	8.26	7.87	10.0	14.4	15.8	9.24	5.70E	4.17	4.32E	4.52E	10
11	10.4 E	8.51	8.31	7.94	10.1	14.5	15.0	9.37	5.60E	4.25	4.34E	4.52E	11
12	10.4 E	8.35	8.21	7.93	10.2	14.2	15.1	8.69	5.53E	4.27	4.36E	4.52E	12
13	10.4 E	8.30	8.18	8.09	10.2	13.6	14.4	8.59	5.45E	4.49	4.38E	4.51E	13
14	10.4 E	8.30	8.17	8.04	10.5	13.8	13.8	8.64	5.37E	4.51	4.40E	4.51E	14
15	10.3	8.43	7.97	7.97	9.76	15.2	13.9	7.80	5.28E	4.30	4.41E	4.50E	15
16	10.2	8.56	7.98	8.05	10.3	15.2	13.5	8.09	5.22E	4.32	4.42E	4.50E	16
17	10.2	8.60	7.90	7.86	11.0	15.6	13.4	8.07	5.14E	4.19	4.43E	4.50E	17
18	10.3	8.46	7.84	8.17	11.1	17.3	13.5	7.90	5.04E	4.13	4.44E	4.49E	18
19	10.2	8.48	7.83	8.17	11.2	15.6	13.3	7.87	4.98E	4.23	4.45E	4.48E	19
20	10.0	8.45	7.79	8.19	11.5	15.3	11.8	7.68	4.90E	4.13	4.46E	4.47E	20
21	10.1	8.37	7.76	8.11	11.3	14.8	12.4	7.55	4.80E	4.27	4.47E	4.46E	21
22	10.1	8.44	7.75	8.16	11.0	15.0	12.3	7.55	4.72E	4.16	4.48E	4.45E	22
23	9.94	8.70	7.78	8.26	10.0	15.2	12.2	6.85	4.64E	4.18	4.49E	4.45E	23
24	9.83	8.81	7.69	8.37	10.3	15.0	12.0	6.79	4.55E	4.19	4.50E	4.44E	24
25	9.71	8.78	7.66	8.46	11.1	15.2	11.6	6.90	4.47A	4.18	4.51E	4.43E	25
26	9.60	8.57	7.61	8.57	12.9	15.3	11.5	6.64	4.40E	4.18	4.52E	4.42E	26
27	9.70	8.53	7.63	8.65	13.6	15.8	11.1	6.61	4.48E	4.13	4.53E	4.41E	27
28	9.72	8.55	7.54	8.67	13.6	16.1	11.0	6.65	4.45E	4.32	4.53E	4.40E	28
29	9.52		7.59	8.69	12.8	16.0	11.2	6.59	4.35E	4.37	4.54E	4.40E	29
30	9.39		7.51	8.76	13.4	16.3	10.7	6.50	4.22	4.40	4.54E	4.39E	30
31	9.39		7.48		13.0		11.0	6.45		4.42		4.38E	31
TOTAL	315.10	244.07	248.18	245.01	332.91	442.1	430.5	254.15	155.99	132.11	131.25	139.01	TOTAL
MEAN	10.2	8.72	8.01	8.17	10.7	14.7	13.9	8.20	5.20	4.26	4.38	4.48	MEAN
MAX	10.6	9.41	8.61	8.76	13.6	17.3	17.2	10.8	6.11	4.51	4.54	4.55	MAX
MIN	9.39	8.30	7.48	7.86	8.88	13.0	10.7	6.45	4.22	4.10	4.10	4.38	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.41
MAXIMUM DAILY, 17.3 ON JUN 18
MINIMUM DAILY, 4.10 ON OCT 9
MAXIMUM INSTANTANEOUS,
20.6 AT 17:35 EST ON JUN 18

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 02 03 N
LONG 90 12 04 W
DRAINAGE AREA, 2 230 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	27 200	JUL	37 200
FEB	21 100	AUG	22 000
MAR	21 400	SEP	13 500
APR	21 200	OCT	11 400
MAY	28 800	NOV	11 300
JUN	38 200	DEC	12 000

TOTAL DISCHARGE, 265 000 dam³

PATTERSON CREEK NEAR SIMCOE - STATION NO. 02GC012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.500	0.444	1.47	0.848	0.994	0.579	0.579	0.458	0.368	0.649	0.705	0.644	1
2	0.489	0.542	1.34	0.776	0.925	0.567	0.549	0.424	0.483	0.693	0.687	0.680	2
3	0.473	0.480B	1.21	0.763	0.876	0.589	0.518	0.435	0.871	0.672	0.681	0.687	3
4	0.470B	0.460B	1.13	0.752	0.835	0.609	0.497	0.466	0.922	0.641	0.669	0.649	4
5	0.470B	0.460B	1.07	0.721	0.791	0.581	0.604	0.476	0.966	0.627	0.657	0.627	5
6	0.473	0.467	1.03	0.708	0.777	0.530	0.866	0.439	0.786	0.612	0.637	0.613	6
7	0.469	0.462	1.00	0.688	0.745	0.510	0.718	0.426	0.685	0.587	0.611	0.617	7
8	0.442	0.464	0.963	0.680	0.732	0.509	0.618	0.437	0.661	0.595	0.608	0.615	8
9	0.435	0.462	0.936	0.655	0.715	0.524	0.613	0.483	0.636	0.581	0.601	0.591	9
10	0.434	0.468	0.938	0.644	0.743	0.529	0.555	0.453	0.581	0.573	0.580	0.568	10
11	0.437	2.61	0.957	0.650	0.872	0.525	0.514	0.473	0.549	0.554	0.570	0.576	11
12	0.435B	1.13 B	0.928	0.660	0.879	0.505	0.497	0.482	0.522	0.541	0.575	0.568	12
13	0.442	0.850B	0.897	0.663	0.807	0.500	0.478	0.454	0.511	0.528	0.561	0.558	13
14	0.437	0.758	0.874	0.851	0.781	0.530	0.459	0.444	0.494	0.511	0.550	0.551	14
15	0.439	0.741	0.867	0.912	0.822	0.527	0.422	0.458	0.463	0.499	0.554	0.560	15
16	0.437	1.17	0.846	0.836	0.800	0.500	0.369	0.451	0.479	0.492	0.559	0.557	16
17	0.438B	2.08	0.811	0.862	0.743	0.479	0.347	0.430	0.591	0.491	0.553	0.538	17
18	0.438B	2.06	0.801	1.13	0.722	0.474	0.334	0.389	0.617	0.563	0.548	0.514	18
19	0.438	2.10	0.784	1.07	0.697	0.458	0.324	0.364	0.621	0.572	0.558	0.498	19
20	0.439	2.60	0.775	0.950	0.690	0.467	0.380	0.362	0.596	0.573	0.660	0.494	20
21	0.426	2.18	0.782	0.855	0.680	0.561	0.458	0.355	0.597	0.587	0.775	0.496	21
22	0.430	1.76	0.783	0.823	0.665	1.01	0.442	0.355	0.773	0.624	0.774	0.503	22
23	0.430	2.20	0.790	1.08	0.647	0.893	0.390	0.350	0.768	0.686	0.707	0.622	23
24	0.420	2.27	0.775	1.20	0.625	0.725	0.388	0.346	0.695	0.717	0.678	0.643	24
25	0.415	1.77	0.773	1.16	0.603	0.673	0.368	0.345	0.657	0.692	0.659	0.629	25
26	0.472	1.50	0.796	1.04	0.615	0.609	0.362	0.325	0.644	0.678	0.635	0.592	26
27	0.508	1.39	0.912	0.952	0.623	0.566	0.351	0.324	0.615	0.777	0.655	0.569	27
28	0.490	1.46	0.864	1.04	0.660	0.536	0.630	0.353	0.588	0.914	0.654	0.554	28
29	0.459		0.799	1.19	0.663	0.502	0.669	0.367	0.549	0.879	0.627	0.538	29
30	0.429		0.835	1.10	0.628	0.534	0.549	0.377	0.552	0.792	0.626	0.525	30
31	0.427		0.873		0.599		0.492	0.383		0.740		0.527	31
TOTAL	13.941	35.338	28.609	26.259	22.954	17.101	15.340	12.684	18.840	19.661	18.914	17.903	TOTAL
MEAN	0.450	1.26	0.923	0.875	0.740	0.570	0.495	0.409	0.628	0.634	0.630	0.578	MEAN
MAX	0.508	2.61	1.47	1.20	0.994	1.01	0.866	0.483	0.966	0.914	0.775	0.687	MAX
MIN	0.415	0.444	0.773	0.644	0.599	0.458	0.324	0.324	0.368	0.491	0.548	0.494	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.678
MAXIMUM DAILY, 2.61 ON FEB 11
MINIMUM DAILY, 0.324 ON JUL 19
MAXIMUM INSTANTANEOUS,
4.63 AT 10:50 EST ON FEB 11

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 51 13 N
LONG 80 19 41 W
DRAINAGE AREA, 51.3 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 200	JUL	1 330
FEB	3 050	AUG	1 100
MAR	2 470	SEP	1 630
APR	2 270	OCT	1 700
MAY	1 980	NOV	1 630
JUN	1 480	DEC	1 550

TOTAL DISCHARGE, 21 400 dam³

PAYNE RIVER NEAR BERWICK - STATION NO. 02LB022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.235B	0.125B	4.36	2.34	1.29	0.738	0.915	0.083	0.144	1.12	2.39	1.47 B	1
2	0.199B	0.140B	3.93	4.44	0.920	0.532	0.877	0.072	0.139	1.03	1.96	1.19	2
3	0.185B	0.215B	2.38	2.44	0.740	0.431	0.599	0.069	0.148	1.05	1.65	1.43	3
4	0.178B	0.280B	1.68	2.47	0.599	0.503	0.457	0.128	0.179	0.992	1.40	1.62	4
5	0.164B	0.354B	1.37	3.02	0.514	2.53	0.375	1.07	0.201	0.872	1.21	1.50	5
6	0.158B	0.321B	1.02	2.17	0.460	1.82	0.314	1.05	0.175	0.819	1.43	1.33 B	6
7	0.148B	0.283B	1.00	1.55	0.425	1.24	0.246	0.669	0.155	1.17	3.64	1.05 B	7
8	0.142B	0.250B	1.09	1.16	0.370	1.11	0.200	0.396	0.156	1.86	3.24	0.827	8
9	0.138B	0.222B	1.29	1.03	0.316	1.11	0.166	0.399	0.175	1.43	4.48	0.642	9
10	0.134B	0.205B	1.29	1.15	0.318	1.31	0.137	0.539	0.671	1.09	3.24	0.595	10
11	0.129B	1.98 B	1.25	1.06	0.487	0.814	0.150	1.09	2.76	0.892	2.25	0.599	11
12	0.125B	6.56 B	1.07	1.01	1.98	0.583	0.152	1.26	1.70	0.747	1.90	0.563	12
13	0.120B	5.15 B	1.09	0.790	3.93	0.474	0.124	0.870	1.21	0.643	1.44	0.558	13
14	0.118B	3.92 B	1.17	0.761	2.34	0.409	0.119	0.529	0.847	0.588	1.29	0.538	14
15	0.115B	3.12 B	1.02	0.936	1.66	0.360	0.137	1.36	0.611	0.736	1.28	0.537	15
16	0.110B	2.65 B	1.07	0.810	3.84	0.454	0.135	7.60	0.480	0.656	1.28	0.512	16
17	0.108B	5.90 B	0.868	0.736	3.53	0.521	0.109	7.08	0.399	0.526	1.72	0.445B	17
18	0.102B	11.2 B	0.763B	0.939	2.00	0.541	0.088	3.85	0.353	0.527	3.47	0.420B	18
19	0.100B	19.9 B	0.575	1.07	1.27	0.382	0.077	1.93	0.334	0.608	5.84	0.319B	19
20	0.098B	32.0 B	0.479	0.840	0.915	0.311	0.123	1.09	0.324	0.690	4.66	0.251B	20
21	0.094B	46.7 B	0.438	0.762	0.706	0.303	0.586	0.720	0.289	0.616	8.90	0.238B	21
22	0.091B	23.5 B	0.457	0.662	0.616	2.85	0.573	0.541	0.285	0.698	7.98	0.249	22
23	0.089B	9.52	0.507	0.597	0.493	7.58	0.364	0.435	2.34	4.01	4.30	0.276	23
24	0.086B	13.0	0.598	0.780	0.418	3.17	0.223	0.362	8.59	4.94	2.55	0.290	24
25	0.081B	11.2	0.668	1.27	0.342	1.96	0.162	0.301	4.21	2.71	1.81	0.277	25
26	0.101B	8.56	0.708	1.25	0.314	4.89	0.121	0.250	2.38	3.49	1.45	0.270B	26
27	0.141B	4.46	0.756	0.932	0.311	3.52	0.093	0.222	3.20	9.70	1.89	0.267B	27
28	0.200B	3.17	0.783	0.759	0.772	1.79	0.089	0.189	3.44	23.6	5.10	0.264B	28
29	0.190B		0.746	1.10	1.74	1.02	0.094	0.163	2.18	12.2	3.06	0.261B	29
30	0.165B		1.01	2.06	1.26	0.739	0.095	0.153	1.47	4.79	2.11B	0.258B	30
31	0.140B		2.51		1.08		0.093	0.147		3.23		0.255B	31
TOTAL	4.154	214.885	37.946	40.894	35.956	43.995	7.993	34.617	39.545	88.030	88.92	19.301	TOTAL
MEAN	0.134	7.67	1.22	1.36	1.16	1.47	0.258	1.12	1.32	2.84	2.96	0.623	MEAN
MAX	0.205	46.7	4.36	4.44	3.93	7.58	0.915	7.60	8.59	23.6	8.90	1.62	MAX
MIN	0.081	0.125	0.438	0.597	0.311	0.303	0.077	0.069	0.139	0.526	1.21	0.238	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.80
MAXIMUM DAILY, 46.7B ON FEB 21
MINIMUM DAILY, 0.069 ON AUG 3

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 11 30 N
LONG 75 06 20 W
DRAINAGE AREA, 152 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	359	JUL	691
FEB	18 600	AUG	2 990
MAR	3 280	SEP	3 420
APR	3 530	OCT	7 610
MAY	3 110	NOV	7 680
JUN	3 800	DEC	1 670

TOTAL DISCHARGE, 56 700 dam³

PEFFERLAW BROOK NEAR UDORA - STATION NO. 02EC103

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.50B	1.77B	5.33	6.80	2.67	2.12	1.32	1.75	1.83	1.60	3.66	4.10E	1
2	2.40B	1.74B	4.83	6.46	2.47	1.93	1.30	1.50	1.73	1.64	3.08	3.90E	2
3	2.30B	1.71B	4.28	5.53	2.38	1.81	1.28	1.37	1.68	1.73	2.75	3.80E	3
4	2.25B	1.68B	3.88	4.87	2.27	1.84	1.32	1.40	2.49	1.77	2.57	3.70E	4
5	2.20B	1.65B	3.58	4.67	2.20	1.87	1.85	1.84	4.48	1.77	2.43	3.60E	5
6	2.16B	1.63B	3.49	4.33	2.30	1.81	2.01	2.87	6.23	2.20	2.47	3.50E	6
7	2.12B	1.61B	3.46	3.82	2.40	1.66	1.86	3.14	5.76	3.08	2.72	3.40E	7
8	2.08B	1.59B	3.41	3.38	2.33	1.57	1.62	2.49	4.59	3.48	2.83	3.30E	8
9	2.04B	1.57B	3.45	3.16	2.19	1.56	1.44	2.16	3.41	3.30	2.78	3.20E	9
10	2.00B	1.55B	3.50	3.07	2.27	1.61	1.30	2.08	2.95E	2.91	2.65	3 15B	10
11	1.97B	1.53B	3.52	3.10	4.20	1.43	1.18	2.06	2.55E	2.52	2.56	2.90B	11
12	1.94B	1.51B	3.48	3.13	7.63	1.71	1.08	2.15	2.25E	2.26	2.47	2.70B	12
13	1.91B	1.49B	3.42	2.99	9.44	1.72	1.02	2.14	2.00E	2.07	2.37	2.55B	13
14	1.88B	1.47B	3.18	3.27	7.81	1.65	0.958	1.90	1.85E	1.98	2.31	2.50B	14
15	1.65B	1.45B	2.92	3.65	5.48	1.61	0.931	2.18	1.75A	1.90	2.39	2.47B	15
16	1.83B	1.43B	2.72	3.65	4.24	1.56	0.890	2.98	1.70	1.90	2.50	2.45B	16
17	1.81B	8.75	2.57	3.58	3.23	1.56	0.864	3.42	1.62	1.96	3.24	2.42B	17
18	1.79B	11.5	2.48	3.14	3.01	1.71	0.908	2.97	1.60	2.44	3.96	2.39B	18
19	1.77B	29.1	2.39	5.26	2.64	1.66	1.04	2.34	1.60	2.61	4.07	2.36B	19
20	1.75B	62.3	2.36	4.46	2.39	1.45	1.39	1.90	1.64	2.90	4.10	2.33B	20
21	1.73B	65.0	2.38	3.66	2.23	1.48	1.62	1.62	1.60	2.85	5.19	2.30B	21
22	1.71B	57.0	2.39	3.18	2.28	1.92	1.59	1.45	1.64	2.74	5.60	2.27B	22
23	1.69B	37.1	2.44	2.98	2.04	3.01	1.44	1.35	1.68	2.96	5.15	2.24B	23
24	1.67B	20.6	2.55	3.09	1.77	3.35	1.34	1.41	1.67	3.60	4.27	2.21B	24
25	1.65B	14.6	2.69	3.28	1.80	2.79	1.22	1.40	1.65	3.73	3.38	2.18B	25
26	1.63B	10.6	2.80	3.27	1.88	2.25	1.20	1.35	1.65	3.73	2.93	2.15B	26
27	1.75B	7.75	2.99	3.06	1.92	1.96	1.16	1.31	1.69	3.92	3.59	2.12B	27
28	1.90B	6.22	3.14	2.85	2.24	1.28	1.39	1.36	1.70	4.89	4.42	2.09B	28
29	2.00B		3.32	2.82	2.56	1.33	1.99	1.63	1.67	5.37	4.61	2.06B	29
30	1.85B		4.41	2.79	2.72	1.30	2.29	1.88	1.63	5.31	4.19	2.03B	30
31	1.80B		6.17		2.23		2.11	1.89		4.49		2.00B	31
TOTAL	59.93	356.90	103.53	115.30	97.22	54.51	42.911	51.29	70.29	89.61	101.24	84.37	TOTAL
MEAN	1.93	12.7	3.34	3.84	3.14	1.82	1.38	1.98	2.34	2.89	3.37	2.72	MEAN
MAX	2.50	65.0	6.17	6.80	9.44	3.35	2.29	3.42	6.23	5.37	5.60	4.10	MAX
MIN	1.63	1.43	2.36	2.79	1.77	1.28	0.864	1.31	1.60	1.60	2.31	2.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.39
MAXIMUM DAILY, 65.0 ON FEB 21
MINIMUM DAILY, 0.864 ON JUL 17
MAXIMUM INSTANTANEOUS,
70.0 AT 01:14 EST ON FEB 21

DATA CONTRIBUTED BY -
ONTARIO MINISTRY OF THE ENVIRONMENT

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 16 04 N
LONG 79 11 42 W
DRAINAGE AREA, 332 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 180	JUL	3 710
FEB	30 800	AUG	5 300
MAR	8 940	SEP	6 070
APR	9 960	OCT	7 740
MAY	8 400	NOV	8 750
JUN	4 710	DEC	7 290

TOTAL DISCHARGE, 107 000 dam³

PERCH LAKE INLET NO. 1 NEAR CHALK RIVER - STATION NO. 02KA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.003	0.002	0.023	0.051	0.008	0.005	0.002	0	0.007	0.006	0.006	0.005	1
2	0.003	0.003	0.018	0.045	0.007	0.004	0.002	0	0.021	0.008	0.006	0.007	2
3	0.003	0.003	0.015	0.035	0.006	0.005	0.002	0	0.010	0.007	0.006	0.008	3
4	0.003	0.002	0.013	0.037	0.006	0.005	0.002	0	0.018	0.006	0.006	0.007	4
5	0.003	0.002	0.013	0.028	0.006	0.004	0.002	0.002	0.025	0.005	0.006	0.006	5
6	0.003	0.002	0.012	0.021	0.006	0.004	0.002	0.002	0.013	0.008	0.006	0.005	6
7	0.003	0.002	0.012	0.018	0.005	0.003	0.001	0.001	0.009	0.018	0.006	0.004	7
8	0.003	0.002	0.014	0.020	0.005	0.003	0.001	0.001	0.008	0.014	0.006	0.005	8
9	0.003	0.002	0.015	0.035	0.005	0.004	0.001	0.001	0.007	0.010	0.006	0.004	9
10	0.003	0.002	0.013	0.023	0.012	0.003	0.001	0.002	0.015	0.008	0.005	0.004	10
11	0.003	0.006	0.012	0.020	0.038	0.002	0	0.003	0.011	0.007	0.005	0.004	11
12	0.003	0.006	0.011	0.016	0.035	0.003	0	0.003	0.010	0.006	0.004	0.004	12
13	0.003	0.006	0.011	0.013	0.021	0.003	0	0.002	0.008	0.006	0.004	0.004	13
14	0.003	0.005	0.011	0.022	0.015	0.004	0	0.002	0.007	0.006	0.005	0.005	14
15	0.003	0.004	0.010	0.017	0.012	0.007	0	0.002	0.006	0.007	0.005	0.005	15
16	0.003	0.004	0.009	0.014	0.010	0.010	0	0.002	0.004	0.009	0.006	0.006	16
17	0.003	0.005	0.009	0.015	0.009	0.006	0	0.002	0.003	0.007	0.006	0.006	17
18	0.003	0.006	0.008	0.021	0.008	0.003	0	0.001	0.003	0.010	0.006	0.006	18
19	0.003	0.010	0.007	0.015	0.007	0.003	0	0.001	0.003	0.010	0.006	0.005	19
20	0.003	0.019	0.007	0.012	0.007	0.002	0	0	0.003	0.009	0.007	0.005	20
21	0.003	0.036	0.007	0.010	0.006	0.002	0	0	0.003	0.008	0.008	0.004	21
22	0.003	0.042	0.008	0.009	0.006	0.007	0	0	0.003	0.007	0.008	0.004	22
23	0.003	0.067	0.011	0.010	0.005	0.006	0	0	0.003	0.009	0.007	0.005	23
24	0.003	0.066	0.013	0.010	0.004	0.004	0	0	0.003	0.009	0.006	0.005	24
25	0.003	0.043	0.015	0.010	0.007	0.004	0	0	0.002	0.008	0.006	0.004	25
26	0.003	0.034	0.018	0.009	0.007	0.003	0	0	0.004	0.008	0.006	0.004	26
27	0.003	0.029	0.022	0.008	0.006	0.002	0	0	0.010	0.008	0.007	0.004	27
28	0.003	0.025	0.019	0.008	0.005	0.002	0	0	0.007	0.007	0.008	0.004	28
29	0.003		0.031	0.012	0.007	0.002	0	0.001	0.004	0.007	0.007	0.004	29
30	0.003		0.078	0.010	0.010	0.002	0	0.002	0.004	0.006	0.005	0.004	30
31	0.003		0.057		0.006		0	0.003		0.006		0.004	31
TOTAL	0.093	0.435	0.522	0.574	0.297	0.117	0.016	0.033	0.234	0.250	0.181	0.151	TOTAL
MEAN	0.003	0.016	0.017	0.019	0.010	0.004	0.001	0.001	0.008	0.008	0.006	0.005	MEAN
MAX	0.003	0.067	0.078	0.051	0.038	0.010	0.002	0.003	0.025	0.018	0.008	0.008	MAX
MIN	0.003	0.002	0.007	0.008	0.004	0.002	0	0	0.002	0.005	0.004	0.004	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.008
MAXIMUM DAILY, 0.078 ON MAR 30
MINIMUM DAILY, 0 ON JUL 11
MAXIMUM INSTANTANEOUS,
0.101 AT 15:07 EST ON MAR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 02 10 N
LONG 77 22 45 W
DRAINAGE AREA, 0.98 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8.04	JUL	1.38
FEB	37.6	AUG	2.85
MAR	45.1	SEP	20.2
APR	49.6	OCT	21.6
MAY	25.7	NOV	15.6
JUN	10.1	DEC	13.0

TOTAL DISCHARGE, 251 dam³

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM THE REGIONAL OFFICE

PERCH LAKE INLET NO. 2 NEAR CHALK RIVER - STATION NO. 02KA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.015	0.008E	0.098	0.337	0.053	0.033	0.012	0	0.023	0.028	0.021	0.017	1
2	0.012A	0.007E	0.065	0.303	0.046	0.027	0.010	0	0.063	0.034	0.019	0.021	2
3	0.011E	0.006E	0.116	0.251	0.042	0.026	0.007	0	0.039	0.032	0.018	0.023	3
4	0.010E	0.005E	0.062	0.263	0.040	0.028	0.006	0	0.071	0.027	0.017	0.023	4
5	0.010A	0.005E	0.043	0.249	0.037	0.023	0.008	0.004	0.082	0.025	0.016	0.020	5
6	0.013	0.004E	0.040	0.198	0.036	0.022	0.008	0.005	0.044	0.037	0.020	0.016	6
7	0.013	0.004E	0.040	0.149	0.034	0.020	0.006	0.004	0.031	0.063	0.020	0.012	7
8	0.013	0.003E	0.043	0.136	0.031	0.020	0.003	0.003	0.053	0.059	0.018	0.013	8
9	0.013	0.003E	0.046	0.201	0.029	0.021	0.003	0.004	0.050E	0.048	0.017	0.012	9
10	0.013	0.009E	0.047	0.176	0.053	0.017	0.002	0.007	0.150E	0.041	0.015	0.012	10
11	0.013	0.031E	0.043	0.142	0.163	0.012	0.001	0.015	0.074	0.036	0.014	0.013	11
12	0.012	0.027E	0.042	0.116	0.192	0.010	0.001	0.016	0.080	0.032	0.013	0.013	12
13	0.012	0.016E	0.037	0.095	0.156	0.008	0.001	0.010	0.068	0.027	0.012	0.013	13
14	0.012	0.011E	0.043	0.126	0.120	0.008	0.001	0.006	0.059	0.025	0.012	0.013	14
15	0.012	0.007E	0.040	0.114	0.091	0.015	0	0.007	0.045	0.028	0.012	0.014	15
16	0.012	0.007E	0.038	0.095	0.073	0.047	0	0.006	0.038	0.033	0.016	0.014	16
17	0.012	0.010E	0.037	0.093	0.060	0.048	0	0.004	0.032	0.030	0.018	0.013	17
18	0.012	0.015E	0.036	0.107	0.050	0.030	0	0.002	0.027	0.039	0.022	0.012	18
19	0.011	0.027E	0.036	0.086	0.042	0.024	0	0.003	0.025	0.039	0.022	0.011	19
20	0.011	0.066E	0.035	0.076	0.038	0.017	0	0.002	0.024	0.036	0.024	0.011	20
21	0.011	0.105E	0.037	0.067	0.034	0.013	0	0.001	0.021	0.033	0.028	0.010	21
22	0.011	0.110E	0.041	0.060	0.031	0.029	0	0.001	0.020	0.031	0.027	0.010	22
23	0.011	0.242A	0.048	0.059	0.027	0.028	0	0.001	0.020	0.031	0.021	0.011	23
24	0.011	0.261	0.056	0.062	0.025	0.026	0	0.002	0.017	0.031	0.018	0.011	24
25	0.011	0.273	0.063A	0.060	0.034	0.026	0	0.001	0.014	0.029	0.017	0.011	25
26	0.011	0.220	0.076	0.055	0.034	0.022	0	0.001	0.019	0.027	0.017	0.011	26
27	0.011	0.182	0.091	0.050	0.034	0.017	0	0	0.032	0.025	0.020	0.011	27
28	0.011	0.122	0.094	0.049	0.031	0.012	0	0	0.027	0.024	0.023	0.011	28
29	0.010E		0.136	0.065	0.035	0.011	0	0.001	0.022	0.023	0.022	0.011	29
30	0.009E		0.336	0.062	0.046	0.013	0	0.004	0.020	0.021	0.018	0.011	30
31	0.008E		0.376		0.039		0	0.015		0.021		0.011	31
TOTAL	0.357	1.786	2.341	3.902	1.756	0.653	0.069	0.125	1.290	1.015	0.557	0.415	TOTAL
MEAN	0.012	0.064	0.076	0.130	0.057	0.022	0.002	0.004	0.043	0.033	0.019	0.013	MEAN
MAX	0.015	0.273	0.376	0.337	0.192	0.048	0.012	0.016	0.150	0.063	0.028	0.023	MAX
MIN	0.008	0.003	0.035	0.049	0.025	0.008	0	0	0.014	0.021	0.012	0.010	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.039
MAXIMUM DAILY, 0.376 ON MAR 31
MINIMUM DAILY, 0 ON JUL 15
MAXIMUM INSTANTANEOUS,
0.414 AT 15:53 EST ON MAR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 02 12 N
LONG 77 22 32 W
DRAINAGE AREA, 3.44 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	30.8	JUL	5.96
FEB	154	AUG	10.8
MAR	202	SEP	111
APR	337	OCT	87.7
MAY	152	NOV	48.1
JUN	56.4	DEC	35.9

TOTAL DISCHARGE, 1 230 dam³

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM THE REGIONAL OFFICE

PERCH LAKE INLET NO. 3 NEAR CHALK RIVER - STATION NO. 02KA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.002	0.002	0.013	0.065	0.011	0.005	0.002	0	0.005	0.004	0.003	0.002	1
2	0.002	0.002	0.011	0.051	0.010	0.004	0.002	0	0.017	0.006	0.003A	0.003	2
3	0.002	0.002	0.009	0.039	0.009	0.005	0.002	0	0.008	0.007	0.003	0.004	3
4	0.002	0.002	0.008	0.045	0.009	0.008	0.002	0.001	0.027	0.004	0.003	0.004	4
5	0.002	0.002	0.008	0.032	0.009	0.006	0.002	0.004	0.044	0.003	0.003	0.003	5
6	0.002	0.002	0.007	0.023	0.009	0.005	0.002	0.002	0.013	0.006	0.003	0.002	6
7	0.002	0.002	0.007	0.019	0.008	0.004	0.001	0.002	0.007	0.015	0.003	0.002	7
8	0.002	0.002	0.008	0.023	0.008	0.004	0.001	0.002	0.009	0.010	0.003	0.002	8
9	0.002	0.002	0.009	0.047	0.007	0.005	0.001	0.002	0.009	0.006	0.003	0.002	9
10	0.002	0.002	0.008	0.027	0.016	0.004	0.001	0.002	0.015	0.004	0.002	0.002	10
11	0.002	0.004	0.008	0.022	0.058	0.003	0.001	0.004	0.009	0.003	0.002	0.002	11
12	0.002	0.005	0.007	0.017	0.048	0.003	0	0.003	0.009	0.003	0.002	0.002	12
13	0.002	0.003	0.007	0.015	0.027	0.004	0	0.002	0.006	0.003	0.002	0.002	13
14	0.002	0.003	0.007	0.027	0.020	0.004	0	0.002	0.005	0.003	0.002	0.002	14
15	0.002	0.002	0.006	0.022	0.016	0.009	0	0.002	0.003	0.004	0.002	0.002	15
16	0.002	0.002	0.006	0.018	0.014	0.012	0	0.002	0.003	0.006	0.003	0.002	16
17	0.002	0.003	0.006	0.019	0.012	0.006	0	0.002	0.002	0.004	0.003	0.002	17
18	0.002	0.003	0.006	0.027	0.010	0.004	0	0.001	0.002	0.008	0.003	0.002	18
19	0.002	0.007	0.006	0.020	0.010	0.003	0	0.001	0.002	0.008	0.003	0.002	19
20	0.002	0.015	0.006	0.016	0.009	0.002	0	0	0.002	0.007	0.004	0.002	20
21	0.002	0.027	0.006	0.014	0.008	0.002	0	0	0.002	0.006	0.005	0.002	21
22	0.002	0.027	0.007	0.013	0.008	0.009	0	0	0.002	0.005	0.004	0.002	22
23	0.002	0.053	0.009	0.014	0.007	0.006	0	0	0.002	0.005	0.003	0.002	23
24	0.002	0.060	0.010	0.016	0.006	0.004	0	0	0.002	0.004	0.002	0.002	24
25	0.002	0.038	0.011	0.014	0.009	0.005	0	0	0.002	0.004	0.002	0.002	25
26	0.002	0.027	0.013	0.012	0.009	0.003	0	0	0.003	0.004	0.002	0.002	26
27	0.002	0.020	0.019	0.011	0.007	0.002	0	0	0.006	0.003	0.004	0.002	27
28	0.002	0.016	0.017	0.011	0.007	0.002	0	0	0.004	0.003	0.004	0.002	28
29	0.002		0.032	0.017	0.007	0.002	0.001	0.001	0.003	0.003	0.003	0.002	29
30	0.002		0.095	0.014	0.010	0.003	0.001	0.002	0.002	0.003	0.003	0.002	30
31	0.002		0.064		0.007		0	0.003		0.003		0.002	31
TOTAL	0.062	0.335	0.436	0.710	0.405	0.138	0.019	0.040	0.225	0.157	0.087	0.068	TOTAL
MEAN	0.002	0.012	0.014	0.024	0.013	0.005	0.001	0.001	0.008	0.005	0.003	0.002	MEAN
MAX	0.002	0.060	0.095	0.065	0.058	0.012	0.002	0.004	0.044	0.015	0.005	0.004	MAX
MIN	0.002	0.002	0.006	0.011	0.006	0.002	0	0	0.002	0.003	0.002	0.002	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.007
MAXIMUM DAILY, 0.095 ON MAR 30
MINIMUM DAILY, 0 ON JUL 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 01 49 N
LONG 77 22 17 W
DRAINAGE AREA, 0.70 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5.36	JUL	1.64
FEB	28.9	AUG	3.46
MAR	37.7	SEP	19.4
APR	61.3	OCT	13.6
MAY	35.0	NOV	7.52
JUN	11.9	DEC	5.88

TOTAL DISCHARGE, 232 dam³

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM THE REGIONAL OFFICE

PERCH LAKE INLET NO. 4 NEAR CHALK RIVER - STATION NO. 02KA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.002	0.002	0.006	0.023	0.004	0.002	0.002	0.001	0.003	0.002	0.002	0.002	1
2	0.002	0.002	0.005	0.018	0.003	0.002	0.002	0.001	0.008E	0.003	0.002	0.002	2
3	0.002	0.002	0.004	0.014	0.003	0.002	0.002	0	0.004	0.003	0.002	0.002	3
4	0.002	0.002	0.004	0.017	0.003	0.003	0.002	0.001E	0.007E	0.002	0.002	0.002	4
5	0.002	0.002	0.004	0.012	0.003	0.002	0.002	0.003	0.011E	0.002	0.002	0.002	5
6	0.002	0.002	0.003	0.008	0.003	0.002	0.001	0.002	0.005	0.003	0.002	0.002	6
7	0.002	0.002	0.003	0.007	0.003	0.002	0.001	0.002	0.003	0.006	0.002	0.002	7
8	0.002	0.002	0.004	0.009	0.003	0.002	0.001	0.001	0.004	0.004	0.002	0.002	8
9	0.002	0.002	0.004	0.017	0.002	0.002	0.001	0.002	0.003	0.003	0.002	0.002	9
10	0.002	0.002	0.004	0.010	0.006	0.002	0.001	0.002	0.006	0.002	0.002	0.002	10
11	0.002	0.002	0.003	0.008	0.020	0.002	0.001	0.003	0.007	0.002	0.002	0.002	11
12	0.002	0.002	0.003	0.007	0.017	0.002	0.001	0.002	0.006	0.002	0.002	0.002	12
13	0.002	0.002	0.003	0.006	0.009	0.002	0.001	0.002	0.003	0.002	0.002	0.002	13
14	0.002	0.002	0.003	0.010	0.007	0.002	0	0.002	0.003	0.002	0.002	0.002	14
15	0.002	0.002	0.003	0.008	0.006	0.003	0	0.002	0.002	0.002	0.002	0.002	15
16	0.002	0.002	0.003	0.007	0.005	0.004	0	0.002	0.002	0.003	0.002	0.002	16
17	0.002	0.002	0.003	0.007	0.004	0.002	0	0.002	0.002	0.003	0.002	0.002	17
18	0.002	0.002	0.003	0.010	0.004	0.002	0	0.001	0.002	0.004A	0.002	0.002	18
19	0.002	0.003	0.002	0.007	0.003	0.002	0	0.001	0.002	0.004E	0.002	0.002	19
20	0.002	0.009	0.002	0.006	0.003	0.002	0	0.001	0.002	0.003E	0.002	0.002	20
21	0.002	0.026	0.002	0.005	0.003	0.002	0	0.001	0.002	0.003A	0.003	0.002	21
22	0.002	0.022	0.003	0.005	0.003	0.003	0	0	0.002	0.003	0.002	0.002	22
23	0.002	0.048	0.003	0.005	0.003	0.003	0	0.001	0.002	0.003	0.002	0.002	23
24	0.002	0.037	0.004	0.005	0.002	0.002	0	0.001	0.002	0.003	0.002	0.002	24
25	0.002	0.021	0.005	0.005	0.003	0.002	0	0.001	0.002	0.003	0.002	0.002	25
26	0.002	0.014	0.006	0.004	0.003	0.002	0	0.001	0.002	0.002	0.002	0.002	26
27	0.002	0.009	0.008	0.004	0.003	0.002	0	0.001	0.003	0.002	0.002	0.002	27
28	0.002	0.007	0.007	0.004	0.002	0.002	0	0	0.002	0.002	0.002	0.002	28
29	0.002		0.013	0.006	0.003	0.002	0.001	0.001	0.002	0.002	0.002	0.002	29
30	0.002		0.046	0.005	0.004	0.002	0.001	0.002	0.002	0.002	0.002	0.002	30
31	0.002		0.024		0.003		0.001	0.002		0.002		0.002	31
TOTAL	0.062	0.232	0.190	0.259	0.143	0.066	0.021	0.044	0.106	0.084	0.061	0.062	TOTAL
MEAN	0.002	0.008	0.006	0.009	0.005	0.002	0.001	0.001	0.004	0.003	0.002	0.002	MEAN
MAX	0.002	0.048	0.046	0.023	0.020	0.004	0.002	0.003	0.011	0.006	0.003	0.002	MAX
MIN	0.002	0.002	0.002	0.004	0.002	0.002	0	0	0.002	0.002	0.002	0.002	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.004
MAXIMUM DAILY, 0.048 ON FEB 23
MINIMUM DAILY, 0 ON JUL 14
MAXIMUM INSTANTANEOUS,
0.070 AT 16:52 EST ON FEB 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 01 48 N
LONG 77 22 31 W
DRAINAGE AREA, 0.21 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5.36	JUL	1.81
FEB	20.0	AUG	3.80
MAR	16.4	SEP	9.16
APR	22.4	OCT	7.26
MAY	12.4	NOV	5.27
JUN	5.70	DEC	5.36

TOTAL DISCHARGE, 115 dam³

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM THE REGIONAL OFFICE

PERCH LAKE INLET NO. 5 NEAR CHALK RIVER - STATION NO. 02KA008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.001	0	0.003	0.011	0.002	0.001	0	0	0	0.001	0.001	0.001	1
2	0.001	0	0.003A	0.007	0.001	0.001	0	0	0	0.001	0.001	0.001	2
3	0.001	0	0.002E	0.006	0.001	0.001	0	0	0	0.001	0.001	0.001	3
4	0.001	0	0.002A	0.007	0.001	0.001	0	0	0	0.001	0.001	0.001	4
5	0.001	0	0.002	0.005	0.001	0.001	0	0	0	0.001	0.001	0.001	5
6	0.001	0	0.002	0.004	0.001	0.001	0	0	0	0.001	0.001	0.001	6
7	0.001	0	0.002	0.003	0.001	0.001	0	0	0	0.002	0.001	0.001A	7
8	0.001	0	0.002	0.004	0.001	0.001	0	0	0.001	0.002	0.001	0.001E	8
9	0.001	0	0.002	0.007	0.001	0.001	0	0	0.001	0.001	0.001	0.001E	9
10	0.001	0	0.002	0.004	0.002	0.001	0	0	0	0.001	0.001	0.001E	10
11	0.001	0.001	0.002	0.003	0.009	0.001	0	0	0	0.001	0.001	0.001E	11
12	0.001	0.001	0.002	0.003	0.007	0.001	0	0	0	0.001	0.001	0.001E	12
13	0.001	0.001	0.002	0.002	0.004	0.001	0	0	0	0.001	0.001	0.001E	13
14	0.001	0.001A	0.002E	0.004	0.003	0.001	0	0	0	0.001	0.001	0.001E	14
15	0	0.001	0.002E	0.003	0.003	0.001	0	0	0	0.001	0.001	0.001E	15
16	0	0.001	0.001E	0.003	0.002	0.001	0	0	0	0.001	0.001	0.001E	16
17	0	0.001	0.001E	0.003	0.002	0.001	0	0	0	0.001	0.001	0.001A	17
18	0	0.001	0.001A	0.004	0.002	0.001	0	0	0	0.001	0.001	0.001	18
19	0	0.001A	0.001E	0.003	0.002	0	0	0	0	0.001	0.001	0.001	19
20	0	0.005	0.001A	0.002	0.001	0	0	0	0	0.001	0.001	0.001	20
21	0	0.011	0.001	0.002	0.001	0	0	0	0	0.001	0.001	0.001	21
22	0	0.010A	0.001	0.002	0.001	0.001	0	0	0	0.001	0.001	0.001	22
23	0	0.022A	0.002	0.002	0.001	0.001	0	0	0	0.001	0.001	0.001	23
24	0	0.015A	0.002	0.002	0.001	0.001	0	0	0	0.001	0.001	0.001	24
25	0	0.009	0.002	0.002	0.001	0.001	0	0	0	0.001	0.001A	0.001	25
26	0	0.006	0.003	0.002	0.001	0	0	0	0	0.001	0.001E	0.001	26
27	0	0.004	0.004	0.002	0.001	0	0	0	0.001	0.001	0.001A	0.001	27
28	0	0.004	0.003	0.002	0.001	0	0	0	0.001	0.001	0.001	0.001	28
29	0		0.008	0.002	0.001	0	0	0	0.001	0.001	0.001	0.001	29
30	0		0.023A	0.002	0.001	0	0	0	0	0.001	0.001	0.001	30
31	0		0.011		0.001		0	0		0.001		0.001	31
TOTAL	0.010	0.095	0.097	0.108	0.058	0.022	0	0	0.005	0.033	0.030	0.031	TOTAL
MEAN	0	0.003	0.003	0.004	0.002	0.001	0	0	0	0.001	0.001	0.001	MEAN
MAX	0.001	0.022	0.023	0.011	0.009	0.001	0	0	0.001	0.002	0.001	0.001	MAX
MIN	0	0	0.001	0.002	0.001	0	0	0	0	0.001	0.001	0.001	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.023A ON MAR 30
MINIMUM DAILY, 0 ON JAN 15
MAXIMUM INSTANTANEOUS,
0.030 AT 12:59 EST ON MAR 30

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 01 58 N
LONG 77 22 43 W
DRAINAGE AREA, 0.13 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1.[illegible]	JUL	0
FEB	8.[illegible]	AUG	0
MAR	8.[illegible]	SEP	0.43
APR	9.33	OCT	2.85
MAY	5.01	NOV	2.59
JUN	1.90	DEC	2.68

TOTAL DISCHARGE, 42.6 dam³

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM THE REGIONAL OFFICE

PERCH LAKE OUTLET NEAR CHALK RIVER - STATION NO. 02KA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.032	0.021	0.317	0.500	0.081	0.041	0.024	0.001	0.027	0.042	0.037	0.040	1
2	0.031	0.023	0.266	0.505	0.073	0.037	0.023	0	0.064	0.047	0.036	0.042	2
3	0.030	0.022	0.218	0.466	0.067	0.038	0.022	0	0.071	0.048	0.035	0.042	3
4	0.028	0.022	0.186	0.457	0.061	0.039	0.020	0.002	0.113	0.046	0.034	0.043	4
5	0.026	0.021	0.163	0.423	0.058	0.037	0.019	0.004	0.175	0.044	0.034	0.042	5
6	0.028	0.021	0.144	0.368	0.052	0.035	0.016	0.004	0.164	0.055	0.037	0.041	6
7	0.032	0.021	0.131	0.322	0.048	0.030	0.012	0.003	0.132	0.076	0.036	0.039	7
8	0.030	0.021	0.122	0.293	0.044	0.029	0.011	0.003	0.111	0.083	0.035	0.038	8
9	0.029	0.021	0.118	0.319	0.041	0.029	0.011	0.004	0.137	0.079	0.034	0.036	9
10	0.028	0.025	0.117	0.311	0.055	0.027	0.008	0.007	0.225	0.075	0.033	0.039	10
11	0.026	0.041	0.110	0.284	0.146	0.024	0.006	0.013	0.207	0.066	0.033	0.037	11
12	0.025	0.042	0.109	0.245	0.231	0.024	0.005	0.016	0.182	0.058	0.032	0.035	12
13	0.024	0.041	0.129	0.212	0.242	0.023	0.003	0.014	0.158	0.051	0.030	0.034	13
14	0.024	0.039	0.117	0.221	0.229	0.024	0.002	0.012	0.142	0.046	0.030	0.036	14
15	0.023	0.036	0.109	0.206	0.207	0.033	0.001	0.015	0.115	0.049	0.030	0.037	15
16	0.022	0.035	0.099	0.185	0.176	0.042	0.001	0.013	0.086	0.050	0.031	0.037	16
17	0.021	0.036	0.100	0.181	0.148	0.044	0.001	0.011	0.070	0.048	0.033	0.036	17
18	0.021	0.038	0.085	0.190	0.121	0.042	0.001	0.010	0.062	0.060	0.037	0.035	18
19	0.021	0.046	0.080	0.181	0.096	0.038	0.001	0.008	0.056	0.058	0.036	0.034	19
20	0.021	0.078	0.076	0.163	0.080	0.031	0.001	0.007	0.052	0.058	0.044	0.032	20
21	0.020	0.131	0.069	0.144	0.070	0.027	0.001	0.006	0.046	0.054	0.049	0.030	21
22	0.020	0.172	0.067	0.128	0.063	0.037	0	0.005	0.041	0.052	0.048	0.030	22
23	0.020	0.272	0.067	0.120	0.055	0.037	0	0.007	0.036	0.054	0.045	0.030	23
24	0.020	0.389	0.073	0.118	0.051	0.038	0	0.007	0.034	0.052	0.042	0.030	24
25	0.020	0.431	0.079	0.110	0.056	0.039	0	0.007	0.031	0.048	0.039	0.029	25
26	0.021	0.439	0.092	0.100	0.056	0.035	0	0.006	0.035	0.046	0.041	0.028	26
27	0.021	0.404	0.113	0.088	0.051	0.031	0	0.005	0.048	0.045	0.047	0.029	27
28	0.020	0.368	0.129	0.082	0.044	0.026	0.001	0.004	0.044	0.043	0.045	0.031	28
29	0.020		0.154	0.095	0.046	0.025	0.001	0.008	0.041	0.041	0.043	0.030	29
30	0.020		0.309	0.091	0.051	0.026	0.001	0.010	0.037	0.039	0.041	0.029	30
31	0.020		0.454		0.046		0.001	0.016		0.037		0.028	31
TOTAL	0.744	3.256	4.402	7.108	2.845	0.988	0.193	0.228	2.742	1.650	1.127	1.079	TOTAL
MEAN	0.024	0.116	0.142	0.237	0.092	0.033	0.006	0.007	0.091	0.053	0.038	0.035	MEAN
MAX	0.032	0.439	0.454	0.505	0.242	0.044	0.024	0.016	0.225	0.083	0.049	0.043	MAX
MIN	0.020	0.021	0.067	0.082	0.041	0.023	0	0	0.027	0.037	0.030	0.028	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.072
MAXIMUM DAILY, 0.505 ON APR 2
MINIMUM DAILY, 0 ON JUL 22
MAXIMUM INSTANTANEOUS,
0.516 AT 06:03 EST ON APR 2

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 02 08 N
LONG 77 22 15 W
DRAINAGE AREA, 6.03 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	64.3	JUL	16.7
FEB	281	AUG	19.7
MAR	380	SEP	237
APR	614	OCT	143
MAY	246	NOV	97.4
JUN	85.4	DEC	93.2

TOTAL DISCHARGE, 2 280 dam³

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM THE REGIONAL OFFICE

PETAWAWA RIVER NEAR PETAWAWA - STATION NO. 02KB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	40.3	25.9	144	132	106	71.1	54.3	25.2	26.5	76.4	67.8	42.8	1
2	39.3	25.9	141	152	104	67.9	52.2	24.8	31.8	77.2	65.7	42.5	2
3	38.5	25.9	134	163	101	64.9	50.0	24.4	37.5	78.6	63.8	42.3	3
4	37.9	25.6	127	173	97.8	62.4	47.7	24.6	45.2	80.1	61.5	42.2	4
5	37.7	25.6	121	190	94.3	60.8	45.5	26.7	57.6	80.6	59.5	42.0	5
6	36.1	25.7	116	207	91.1	61.0	43.9	26.8	70.2	80.8	58.5	42.1	6
7	36.8	25.8	111	218	87.5	59.7	42.9	28.4	78.8	83.9	57.3	41.7	7
8	37.1	25.9	107	221	84.6	58.6	41.8	30.2	85.8	88.8	55.3	41.6	8
9	36.7	25.5	103	224	81.1	58.2	40.5	30.9	88.7	94.5	54.6	41.3	9
10	35.9	25.4	98.8	232	78.1	56.6	39.4	31.3	93.0	99.4	52.7	40.0	10
11	35.2	26.8	94.8	235	83.8	54.9	37.6	32.4	98.3	101	51.7	39.8	11
12	34.8	27.3	90.6	231	101	53.5	36.2	33.1	104	102	49.7	41.3	12
13	34.1	28.2	88.4	223	120	52.1	35.0	32.7	109	101	48..	40.7	13
14	33.6	29.4	83.6	217	131	50.8	33.4	32.1	111	99.5	47.4	40.3	14
15	33.8	30.4	81.8	209	133	55.1	31.9	31.8	111	97.8	46.2	39.8	15
16	33.9	31.4	78.8	201	131	61.5	30.8	31.5	109	96.1	45.2	39.1	16
17	33.9	31.9	76.6	193	125	65.6	29.5	30.2	107	92.5	44.6	3[illegible]5	17
18	33.5	32.7	72.4	185	120	68.5	28.1	28.9	105	91.1	44.5	3[illegible]5	18
19	33.0	34.1	72.6	176	115	71.3	26.9	27.7	104	90.3	44.2	36.1	19
20	32.8	38.4	70.6	168	110	72.0	26.4	26.6	101	89.5	44.8	35.3	20
21	31.9	46.6	68.5	158	105	71.2	25.4	25.4	98.1	89.2	46.4	34.4	21
22	31.4	54.6	66.7	150	99.6	71.3	23.9	24.2	94.4	87.9	46.6	34.7	22
23	31.1	67.6	65.0	142	94.3	70.1	22.6	23.2	90.5	87.1	46.6	35.5	23
24	30.3	93.1	63.4	136	89.4	68.5	21.7	22.7	85.8	85.9	46.3	35.2	24
25	29.9	120	62.5	130	85.7	67.5	21.0	22.1	81.5	83.1	45.3	34.7	25
26	29.6	138	61.9	123	82.8	65.2	20.1	21.5	77.7	81.3	44.3	34.0	26
27	29.2	143	62.3	117	81.4	62.4	20.5	21.0	76.8	79.3	45.2	33.6	27
28	28.7	145	62.7	113	80.2	60.5	21.3	20.3	76.7	77.6	44.9	33.7	28
29	28.1		64.3	110	78.4	58.4	23.3	21.2	76.9	74.6	44.3	33.8	29
30	27.2		72.1	108	76.8	56.6	24.3	21.7	76.8	72.2	43.5	33.3	30
31	26.4		98.3		74.0		25.0	23.6		69.8		32.9	31
TOTAL	1 038.7	1 375.7	2 760.7	5 237	3 042.9	1 878.2	1 023.1	827.2	2 509.6	2 689.1	1 516.7	1 180.7	TOTAL
MEAN	33.5	49.1	89.1	175	98.2	62.6	33.0	26.7	83.7	86.7	50.6	38.1	MEAN
MAX	40.3	145	144	235	133	72.0	54.3	33.1	111	102	67.8	42.8	MAX
MIN	26.4	25.4	61.9	108	74.0	50.8	20.1	20.3	26.5	69.8	43.5	32.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 68.7
MAXIMUM DAILY, 235 ON APR 11
MINIMUM DAILY, 20.1 ON JUL 26
MAXIMUM INSTANTANEOUS,
236 AT 03:37 EST ON APR 11

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 53 17 N
LONG 77 18 30 W
DRAINAGE AREA, 4 120 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	89 700	JUL	88 400
FEB	119 000	AUG	71 500
MAR	239 000	SEP	217 000
APR	452 000	OCT	232 000
MAY	263 000	NOV	131 000
JUN	162 000	DEC	102 000

TOTAL DISCHARGE, 2 170 000 dam³

PIC RIVER NEAR MARATHON - STATION NO. 02BB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.8 B	8.05B	14.5B	36.9	122	92.0	81.1	15.7	11.2	7.17	12.0	9.40B	1
2	10.6 B	8.00B	14.3B	52.2	120	88.3	76.6	15.1	12.1	6.94	12.8	9.35B	2
3	10.5 B	7.95B	14.1B	59.2	120	88.0	69.4	14.5	12.2	6.89	13.2	9.25B	3
4	10.3 B	7.90B	14.0B	61.6	130	82.3	61.1	14.5	11.2	6.80	13.4	9.15B	4
5	10.2 B	7.85B	13.8B	49.0	151	75.7	55.9	13.9	10.4	6.61	13.5	9.05B	5
6	10.1 B	7.80B	13.7B	45.0	153	69.2	52.5	13.3	9.93	6.76	13.4	9.00B	6
7	10.0 B	7.75B	13.6B	49.8	145	60.6	45.3	12.3	9.79	7.12	13.1	8.95B	7
8	9.90B	7.70B	13.5B	60.7	137	60.9	41.1	11.3	10.5	7.27	12.8	8.85B	8
9	9.75B	7.65B	13.3B	73.4	130	71.7	37.3	12.1	10.3	7.50	12.0	8.75B	9
10	9.65B	7.60B	13.2B	83.7	122	77.2	36.9	24.7	10.1	7.66	11.6	8.65B	10
11	9.55B	7.60B	13.1B	95.1	117	77.5	45.5	33.5	9.57	7.44	11.2	8.55B	11
12	9.45B	7.55B	13.0B	96.9	112	73.3	40.1	35.1	9.43	7.25	9.19	8.50B	12
13	9.35B	7.50B	12.9B	99.1	110	69.2	34.3	33.2	10.2	6.86	11.7	8.40B	13
14	9.30B	7.50B	12.8B	111	107	63.3	30.3	30.7	10.5	9.55	12.6	8.35B	14
15	9.20B	7.45B	12.6B	118	103	87.2	27.7	28.5	10.2	11.8	13.1	8.30B	15
16	9.10B	7.45B	12.5B	114	98.7	147	26.1	26.9	9.72	10.8	13.0	8.20B	16
17	9.05B	7.50B	12.4B	127	93.5	135	24.2	24.3	9.06	10.2	13.1	8.10B	17
18	8.95B	7.65B	12.3B	135	84.8	121	23.3	22.6	8.60	12.4	13.0	8.05B	18
19	8.90B	7.90B	12.2B	132	78.9	106	22.1	21.6	8.40	13.5	12.6	8.00B	19
20	8.80B	8.60B	12.2B	111	74.4	86.0	21.3	20.2	8.03	13.8	11.0	7.95B	20
21	8.75B	9.40B	12.1B	95.7	72.1	76.1	20.7	18.8	7.68	13.5	9.82	7.85B	21
22	8.65B	10.2 B	12.1B	84.7	71.5	72.1	20.2	17.2	7.36	13.3	9.34	7.75B	22
23	8.55B	11.3 B	12.1B	77.2	68.0	68.7	19.8	16.3	7.15	12.6	8.22	7.70B	23
24	8.50B	12.3 B	12.2B	73.1	67.1	65.0	20.0	15.1	6.87	11.5	6.93	7.65B	24
25	8.45B	13.2 B	12.5	73.9	78.1	66.8	24.7	14.2	6.95	11.4	7.60B	7.60B	25
26	8.35B	14.1 B	12.8	77.7	103	64.9	24.1	13.4	6.82	11.1	8.35B	7.55B	26
27	8.30B	14.6 B	13.2	80.6	110	59.5	21.8	12.9	7.04	11.8	8.90B	7.50B	27
28	8.25B	14.7 B	14.2	90.2	109	53.8	20.0	12.2	7.24	11.8	9.25B	7.40B	28
29	8.20B		15.7	104	104	80.0	18.4	11.6	7.29	11.4	9.45B	7.35B	29
30	8.15B		18.9	116	103	92.8	17.6	11.4	7.28	11.0	9.50B	7.30B	30
31	8.10B		23.2		99.7		16.4	10.9		11.1		7.25B	31
TOTAL	285.70	254.75	423.0	2 583.7	3 294.8	2 431.1	1 075.8	578.0	273.11	304.82	335.65	255.70	TOTAL
MEAN	9.22	9.10	13.6	86.1	106	81.0	34.7	18.6	9.10	9.83	11.2	8.25	MEAN
MAX	10.8	14.7	23.2	135	153	147	81.1	35.1	12.2	13.8	13.5	9.40	MAX
MIN	8.10	7.45	12.1	36.9	67.1	53.8	16.4	10.9	6.82	6.61	6.93	7.25	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.1
MAXIMUM DAILY, 153 ON MAY 6
MINIMUM DAILY, 6.61 ON OCT 5
MAXIMUM INSTANTANEOUS,
156 AT 00:44 EST ON MAY 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 46 26 N
LONG 86 17 49 W
DRAINAGE AREA, 4 270 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	24 700	JUL	92 900
FEB	22 000	AUG	49 900
MAR	36 500	SEP	23 600
APR	223 000	OCT	26 300
MAY	285 000	NOV	29 000
JUN	210 000	DEC	22 100

TOTAL DISCHARGE, 1 050 000 dam³

PIGEON RIVER AT MIDDLE FALLS - STATION NO. 02AA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.24B	4.11B	4.96B	17.0B	45.0	19.0	25.0	5.86	4.62	5.01	8.41	4.13	1
2	5.24B	4.11B	5.10B	21.5B	43.3	31.1	21.1	5.66	4.98	5.83	7.82	4.28	2
3	5.10B	4.11B	5.24B	25.5B	50.7	63.7	19.0	5.52	4.93	5.97	7.28	4.08	3
4	5.10B	3.96B	5.38B	30.0B	54.1	77.3	18.9	5.47	4.28	6.65	6.77	4.08	4
5	5.10B	3.96B	5.38B	32.3B	52.1	60.9	16.9	5.35	3.68	8.33	6.51	4.08	5
6	4.96B	3.96B	5.66B	32.8B	51.0	44.7	15.2	5.52	3.28	10.4	6.34	3.96	6
7	4.96B	3.96B	5.66B	34.0B	47.3	36.2	14.0	5.66	3.34	11.2	6.34	3.68B	7
8	4.96B	3.82B	5.80B	42.5B	43.9	32.3	12.9	5.72	3.40	10.1	6.06	3.11B	8
9	4.81B	3.82B	5.95B	56.6B	41.1	30.3	12.1	6.23	3.37	8.47	5.61	2.55B	9
10	4.81B	3.82B	5.95B	74.2	39.4	28.3	11.5	6.65	3.40	7.48	5.52	2.27B	10
11	4.81B	3.82B	5.95B	91.7	37.7	26.3	10.8	6.80	3.11	7.11	5.24	2.83B	11
12	4.67B	3.82B	5.95B	79.6	35.4	24.7	10.6	6.57	2.75	6.65	5.01	3.40B	12
13	4.67B	3.82B	5.80B	73.3	33.4	24.1	13.5	6.31	2.49	6.26	4.90	3.96B	13
14	4.67B	3.82B	5.80B	70.8	31.7	25.1	12.0	6.12	2.44	6.80	4.67	3.68B	14
15	4.67B	3.82B	5.66B	67.4	30.0	26.2	10.6	5.78	2.38	8.47	4.64	3.40B	15
16	4.67B	3.96B	5.66B	64.3	27.4	25.3	9.57	5.61	2.21	8.50	4.50	3.26B	16
17	4.53B	3.96B	5.66B	68.8	21.4	23.5	9.32	5.47	2.04	8.16	4.39	3.26B	17
18	4.53B	3.96B	5.52B	72.5	19.2	22.4	10.8	5.30	1.95	9.32	4.30	3.26B	18
19	4.53B	3.96B	5.38B	68.5	18.4	21.1	11.6	5.10	1.90	9.85	4.30	3.11B	19
20	4.53B	3.96B	5.38B	60.3	17.6	20.2	10.5	4.98	1.81	9.91	3.96	3.11B	20
21	4.53B	3.96B	5.24B	53.0	16.9	19.5	9.57	4.87	1.73	9.09	3.45	3.11B	21
22	4.39B	4.11B	5.10B	48.1	16.1	19.1	8.98	4.73	1.61	8.38	2.80	3.11B	22
23	4.39B	4.11B	5.10B	54.7	15.6	18.3	8.30	4.67	1.73	7.70	3.51	3.11B	23
24	4.39B	4.25B	5.24B	61.7	16.1	19.2	7.79	4.56	1.59	7.25	3.74	2.97B	24
25	4.39B	4.39B	5.38B	58.3	18.3	21.2	7.50	4.50	1.42	7.08	3.94	2.97B	25
26	4.25B	4.53B	5.52B	53.2	20.1	20.3	7.22	4.45	1.61	6.65	3.88	2.97B	26
27	4.25B	4.67B	5.66B	50.4	19.9	18.3	6.94	4.28	1.95	6.82	4.16	2.97B	27
28	4.25B	4.81B	6.51B	49.6	18.7	21.4	6.65	4.13	2.24	6.57	3.85	2.97B	28
29	4.25B		7.93B	48.4	18.0	39.4	6.37	4.02	2.38	6.82	4.13	2.97B	29
30	4.25B		11.0 B	47.0	17.7	31.4	6.12	3.57	2.61	8.24	4.36	2.83B	30
31	4.25B		14.2 B		17.3		5.97	2.61		8.92		2.83B	31
TOTAL	144.15	113.36	188.72	1 608.0	934.8	890.8	357.30	162.07	81.23	243.99	150.39	102.30	TOTAL
MEAN	4.65	4.05	6.09	53.6	30.2	29.7	11.5	5.23	2.71	7.87	5.01	3.30	MEAN
MAX	5.24	4.81	14.2	91.7	54.1	77.3	25.0	6.80	4.98	11.2	8.41	4.28	MAX
MIN	4.25	3.82	4.96	17.0	15.6	18.3	5.97	2.61	1.42	5.01	2.80	2.27	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.6
MAXIMUM DAILY, 91.7 ON APR 11
MINIMUM DAILY, 1.42 ON SEP 25

SUMMARY FOR THE YEAR 1981

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 00 44 N
LONG 89 36 58 W
DRAINAGE AREA, 1 550 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 500	JUL	30 900
FEB	9 790	AUG	14 000
MAR	16 300	SEP	7 020
APR	139 000	OCT	21 100
MAY	80 800	NOV	13 000
JUN	77 000	DEC	8 840

TOTAL DISCHARGE, 430 000 dam³

PINE RIVER AT LURGAN - STATION NO. 02FD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.210B	0.367B	8.18	2.99	1.22	0.359E	0.088E	0.284E	0.553E	1.81 E	0.660E	2.4	1
2	0.198B	0.502B	4.38	2.01	0.952	0.320E	0.049E	0.239E	1.79	4.59	0.597E	16.9	2
3	0.187B	0.904B	2.56	1.53	0.811	0.284E	0.033E	0.178E	1.28	5.32	0.555E	8.58	3
4	0.181B	0.798B	2.05 B	1.43	0.732E	0.282E	0.028E	0.212E	9.92	2.51	0.524E	4.44	4
5	0.171B	0.715B	1.44 B	1.21	0.680E	0.253E	0.090E	0.275E	9.21	1.53	0.512E	2.91	5
6	0.169B	0.640B	1.40 B	0.935	0.648E	0.222E	0.768E	0.220E	3.06	1.32 E	0.548E	2.34	6
7	0.167B	0.575B	1.34 B	0.791	0.604E	0.188E	0.562E	0.139E	1.75	2.23	0.657E	2.15	7
8	0.164B	0.540B	1.42	0.742	0.580E	0.142E	0.424E	0.080E	1.30	2.00	0.552E	2.65	8
9	0.162B	0.501B	2.14	3.06	0.652E	0.122E	0.368E	0.043E	1.04	1.33 E	0.494E	2.62	9
10	0.159B	0.496B	3.29	3.25	1.13	0.106E	0.320E	0.022E	0.789	1.07 E	0.456E	2.13	10
11	0.157B	2.36 B	3.06	1.85	15.3	0.090E	0.272E	0 E	0.510E	0.860E	0.422E	1.55 B	11
12	0.155B	6.06 B	2.50	1.44	19.9	0.072E	0.241E	0 E	0.372E	0.645E	0.395E	1.36 B	12
13	0.154B	7.06 B	3.05	1.17	7.84	0.058E	0.217E	0 E	0.280E	0.529E	0.373E	1.24 B	13
14	0.152B	7.60 B	1.90	1.40	4.02	0.056E	0.195E	0 E	0.224E	0.476E	0.351E	1.14 B	14
15	0.150B	8.06 B	1.70 B	2.37	2.62	0.055E	0.162E	0.725E	0.198E	0.522E	0.339E	1.06 B	15
16	0.149B	8.38 B	1.36 B	1.47	2.06	0.055E	0.138E	0.902E	0.147E	0.584E	0.367E	0.990B	16
17	0.148B	19.5 B	1.27 B	1.36	1.60	0.048E	0.108E	0.392E	0.124E	0.736E	0.484E	0.912B	17
18	0.148B	54.5 B	1.17 B	1.33	1.35	0.044E	0.084E	0.278E	0.101E	1.29 E	0.672E	0.852B	18
19	0.147B	41.4 B	1.02 B	1.08	1.18	0.040E	0.063E	0.212E	0.085E	2.61 E	0.965E	0.821B	19
20	0.146B	35.2 B	0.888B	0.940	1.04	0.038E	0.039E	0.148E	0.180E	3.91	1.66 E	0.788B	20
21	0.145B	28.1 B	0.838B	0.812	0.905	0.036E	0.018E	0.087E	0.592E	2.16	9.80	1.23 B	21
22	0.144B	23.7 B	0.890	0.680E	0.806	0.034E	0 E	0.052E	0.518E	1.60	4.70	1.92 B	22
23	0.144B	57.0	1.50	0.718E	0.733	0.520E	0 E	0.028E	0.457E	1.73	2.87	1.63 B	23
24	0.147B	25.0	2.49	0.871	0.608E	0.367E	0 E	0 E	0.502E	1.62	2.21	1.33 B	24
25	0.151B	12.2	2.71	0.951	0.547E	0.286E	0.010E	0 E	0.565E	1.50	1.91 E	1.19 B	25
26	0.181B	7.19	2.53	0.773E	0.490E	0.248E	0.024E	0 E	0.770E	1.40	1.72 E	1.08 B	26
27	0.270B	4.80	2.25	0.640E	0.445E	0.222E	0.035E	0 E	1.38 E	1.16 E	11.2	0.990B	27
28	0.375B	10.1	2.58	0.677E	0.411E	0.178E	0.216E	0.150E	0.865E	1.01 E	6.94	0.908B	28
29	0.552B		3.34	1.46	0.390E	0.135E	0.632E	1.82	0.741E	0.919E	3.62	0.850B	29
30	0.858B		4.34	1.67	0.409E	0.108E	0.484E	1.09	0.673E	0.802E	2.64	0.784B	30
31	0.598B		5.21		0.388E		0.382E	0.683		0.725E		0.732B	31
TOTAL	6.839	364.248	74.796	41.610	71.051	4.968	6.050	8.259	39.976	50.498	59.193	70.547	TOTAL
MEAN	0.221	13.0	2.41	1.39	2.29	0.166	0.195	0.266	1.33	1.63	1.97	2.28	MEAN
MAX	0.858	57.0	8.18	3.25	19.9	0.520	0.768	1.82	9.92	5.32	11.2	16.9	MAX
MIN	0.144	0.367	0.838	0.640	0.388	0.034	0	0	0.085	0.476	0.339	0.732	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.19
MAXIMUM DAILY, 57.0 ON FEB 23
MINIMUM DAILY, 0E ON JUL 22
MAXIMUM INSTANTANEOUS,
67.4 AT 15:45 EST ON FEB 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 05 37 N
LONG 81 43 36 W
DRAINAGE AREA, 154 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	591	JUL	523
FEB	31 500	AUG	714
MAR	6 460	SEP	3 450
APR	3 600	OCT	4 360
MAY	6 140	NOV	5 110
JUN	429	DEC	6 100

TOTAL DISCHARGE, 69 000 dam³

PINE RIVER NEAR EVERETT - STATION NO. 02ED103

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.90B	1.34B	3.53	4.71	2.29	2.12	1.53	1.20	1.94	1.59	2.06	2.80	1
2	1.85B	1.32B	3.35	4.18	2.19	1.99	1.53	1.15	2.70	1.85	2.01	3.10	2
3	1.80B	1.30B	3.25	3.79	2.13	1.99	1.45	1.26	2.05	1.95	1.95	3.27	3
4	1.75B	1.28B	4.15	3.71	2.09	2.19	1.52	1.50	4.13	1.79	1.91	3.05	4
5	1.70B	1.26B	3.66	3.55	2.12	2.01	1.89	2.33	4.66	1.70	1.90	2.80	5
6	1.66B	1.25B	3.87	3.24	2.22	1.85	1.80	1.49	3.00	2.44	1.94	2.67	6
7	1.62B	1.24B	3.73	3.08	2.09	1.76	1.51	1.23	2.44	3.06	2.01	2.63	7
8	1.58B	1.23B	3.72	3.02	2.05	1.73	1.34	1.24	2.04	2.78	1.98	2.66	8
9	1.56B	1.22B	3.74	3.11	2.02	1.72	1.30	1.88	1.98	2.18	1.95	2.59	9
10	1.54B	1.21B	3.72	2.97	2.73	2.07	1.19	1.40	1.84	1.96	1.90	2.50B	10
11	1.51B	1.20B	3.62	2.96	9.15	2.64	1.17	1.34	1.74	1.86	1.90	2.30B	11
12	1.48B	1.19B	3.51	2.95	7.30	1.95	1.17	1.21	1.65	1.76	1.90	2.25B	12
13	1.46B	1.18B	3.49	2.82	3.93	1.87	1.14	1.08	1.57	1.69	1.90	2.15B	13
14	1.44B	1.17B	3.63	3.85	3.19	1.86	1.06	1.07	1.57	1.61	1.91	2.10B	14
15	1.42B	1.16B	3.37	3.60	3.56	1.84	0.993	1.88	1.53	1.73	1.90	2.05B	15
16	1.40B	1.16B	3.56	3.00	3.68	1.79	0.972	1.90	1.48	1.76	2.74	2.00B	16
17	1.38B	3.00B	3.54	2.89	3.08	1.75	0.997	1.29	1.51	1.66	4.05	1.95B	17
18	1.36B	6.00B	4.23	2.91	2.81	1.70	1.05	1.09	1.58	2.04	3.05	1.90B	18
19	1.34B	11.0 B	4.69	2.75	2.69	1.62	1.15	1.00	1.57	2.47	2.63	1.85B	19
20	1.32B	11.9	3.56	2.69	2.60	1.62	1.19	0.954	1.57	2.06	2.94	1.80B	20
21	1.31B	9.75	4.57	2.55	2.57	1.64	1.19	0.923	1.57	1.84	3.22	1.80B	21
22	1.30B	8.17	3.17	2.55	2.45	2.54	1.13	0.906	1.68	1.96	2.88	2.20B	22
23	1.29B	10.4	3.23	2.60	2.31	2.92	1.03	0.882	1.66	2.47	2.64	2.50B	23
24	1.28B	11.3	3.28	2.81	2.25	2.01	0.978	0.909	1.58	2.80	2.52	2.70B	24
25	1.27B	7.14	3.24	2.69	2.29	1.83	0.987	0.861	1.56	2.48	2.88	2.60B	25
26	1.26B	3.94	3.25	2.57	2.27	1.66	0.999	0.851	1.67	2.40	2.36	2.50B	26
27	1.40B	3.02	3.51	2.49	2.25	1.57	1.03	0.867	1.87	2.53	6.16	2.40B	27
28	1.50B	3.38	3.42	2.62	2.54	1.52	1.65	1.47	1.78	2.88	5.49	2.30B	28
29	1.46B		3.62	2.66	2.37	1.50	2.75	4.25	1.63	2.47	3.64	2.20B	29
30	1.40B		4.74	2.48	2.59	1.50	1.67	4.34	1.54	2.24	2.98	2.10B	30
31	1.36B		5.59		2.48		1.34	2.39		2.12		2.00B	31
TOTAL	45.90	108.71	115.54	91.88	90.29	56.76	40.706	46.143	59.09	66.13	79.30	73.72	TOTAL
MEAN	1.48	3.88	3.73	3.06	2.91	1.89	1.31	1.49	1.97	2.13	2.64	2.38	MEAN
MAX	1.90	11.9	5.59	4.71	9.15	2.92	2.75	4.34	4.66	3.06	6.16	3.27	MAX
MIN	1.26	1.16	3.17	2.48	2.02	1.50	0.972	0.851	1.48	1.59	1.90	1.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.39
MAXIMUM DAILY, 11.9 ON FEB 20
MINIMUM DAILY, 0.851 ON AUG 26

DATA CONTRIBUTED BY -
ONTARIO MINISTRY OF THE ENVIRONMENT

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 11 58 N
LONG 79 57 35 W
DRAINAGE AREA, 195 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 970	JUL	3 520
FEB	9 390	AUG	3 990
MAR	9 980	SEP	5 110
APR	7 930	OCT	5 710
MAY	7 800	NOV	6 850
JUN	4 900	DEC	6 370

TOTAL DISCHARGE, 75 500 dam³

PINEIMUTA RIVER AT EYES LAKE - STATION NO. 04FA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.7 B	7.70B	9.30B	10.6B	32.4	133E	128 E	15.1	8.28	20.0E	46.0E	37.0B	1
2	10.5 B	7.67B	9.20B	10.6B	37.0	139E	113 E	14.6	8.43	21.3E	47.0E	35.0B	2
3	10.3 B	7.63B	9.15B	10.6B	44.9	142E	100 E	14.3	8.37	22.1E	48.2E	33.2B	3
4	10.2 B	7.61B	9.07B	10.7B	61.3	143E	89.5E	14.0	8.37	22.7E	49.4E	31.5B	4
5	10.1 B	7.60B	9.00B	10.7B	90.8	144E	81.0E	13.8	8.79	23.2E	50.5E	29.8B	5
6	9.95B	7.59B	8.92B	10.8B	121	150E	73.8E	13.8	8.84	23.6E	51.5E	28.3B	6
7	9.80B	7.58B	8.82B	10.9B	151	159E	66.5E	13.4	8.94	24.0E	52.5E	27.0B	7
8	9.67B	7.57B	8.78B	11.0B	182	161E	60.0E	13.4	8.68	24.5E	53.0E	25.9B	8
9	9.60B	7.57B	8.68B	11.2B	199	159E	52.8E	13.5	10.0	25.0E	53.5E	25.0B	9
10	9.40B	7.57B	8.61B	11.4B	204	157E	48.0E	13.7	11.9	25.5E	54.0E	24.0B	10
11	9.30B	7.58B	8.59B	11.6B	208	154E	43.2E	13.6	12.8	26.0E	54.6E	23.1B	11
12	9.19B	7.59B	8.53B	11.8B	204	152E	39.0E	13.3	13.6	26.6E	55.5E	22.3B	12
13	9.00B	7.60B	8.43B	12.0B	199	151E	35.2E	13.5	13.7	27.1E	56.5E	21.6B	13
14	8.95B	7.62B	8.42B	12.2B	197	153E	32.3E	12.3	13.7	27.6E	57.0E	20.8B	14
15	8.80B	7.70B	8.43B	12.4B	195	165E	29.2E	11.9	13.7	28.2E	58.5E	20.1B	15
16	8.67B	7.85B	8.49B	12.7B	192	183E	26.9E	11.8	14.2	28.9E	59.5E	19.6B	16
17	8.55B	8.10B	8.57B	13.0B	186	204E	25.2E	11.7	14.5	29.5E	60.5E	18.9B	17
18	8.45B	8.55B	8.65B	13.3B	177	220E	22.7	11.6	14.1	30.2E	62.0E	18.3B	18
19	8.32B	9.00B	8.95B	13.7B	168	232E	21.5	11.4	13.8	31.8E	62.5E	17.8B	19
20	8.21B	9.27B	9.28B	14.3B	160	238E	20.8	11.4	13.9	33.0E	63.0E	17.3B	20
21	8.12B	9.47B	9.75B	14.8B	153	243E	20.2	11.3	14.2	34.5E	63.5E	16.8B	21
22	8.07B	9.57B	10.2 B	15.4B	146	243E	19.4	11.2	14.5	35.8E	63.5E	16.4B	22
23	8.02B	9.60B	10.7 B	16.3B	138	242E	19.0	10.8	15.1	36.5E	63.5E	16.0B	23
24	8.00B	9.60B	10.8 B	17.7B	132	240E	17.8	10.8	14.9	37.4E	60.5E	15.6B	24
25	7.97B	9.60B	10.9 B	19.2B	126 E	236E	17.1	10.4	14.3	38.1E	55.5E	15.2B	25
26	7.95B	9.58B	11.0 B	20.8B	124 E	230E	16.7	10.0	14.8	39.0E	52.0B	14.8B	26
27	7.90B	9.50B	11.0 B	22.8B	123 E	218E	16.5	9.71	15.4	40.0E	48.0B	14.5B	27
28	7.85B	9.40B	10.9 B	24.8B	124 E	190E	16.3	9.62	15.6	40.8E	45.0B	14.2B	28
29	7.80B		10.8 B	27.2B	125 E	162E	16.0	9.35	18.2 E	42.5E	42.0B	13.8B	29
30	7.78B		10.8 B	30.6	126 E	144E	15.8	8.91	19.0 E	43.5E	39.5B	13.5B	30
31	7.72B		10.7 B		128 E		15.8	8.86		45.0E		13.2B	31
TOTAL	274.84	233.27	293.42	445.1	4 454.4	5 487	1 299.2	373.05	384.60	953.9	1 628.2	660.5	TOTAL
MEAN	8.87	8.33	9.47	14.8	144	183	41.9	12.0	12.8	30.8	54.3	21.3	MEAN
MAX	10.7	9.60	11.0	30.6	208	243	128	15.1	19.0	45.0	63.5	37.0	MAX
MIN	7.72	7.57	8.42	10.6	32.4	133	15.8	8.86	8.28	20.0	39.5	13.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 45.2
MAXIMUM DAILY, 243E ON JUN 21
MINIMUM DAILY, 7.57B ON FEB 8

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 18 30 N
LONG 88 45 15 W
DRAINAGE AREA, 4 900 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	23 700	JUL	112 000
FEB	20 200	AUG	32 200
MAR	25 400	SEP	33 200
APR	38 500	OCT	82 400
MAY	385 000	NOV	141 000
JUN	474 000	DEC	57 100

TOTAL DISCHARGE, 1 420 000 dam³

PINEWOOD RIVER NEAR PINEWOOD - STATION NO. 05PC011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	2.89 B	1.13	2.05	8.72	1.05	0.251	3.28	---	---	1
2	---	---	0 B	3.00 B	1.27	4.48	6.34	0.951	0.371	4.65	---	---	2
3	---	---	0 B	2.69 B	1.28	6.98	5.58	0.876	0.251	5.91	---	---	3
4	---	---	0 B	2.27 B	1.26	6.93	5.30	0.779	0.205	6.21	---	---	4
5	---	---	0 B	2.12 B	1.20	7.14	4.94	0.664	0.188	6.12	---	---	5
6	---	---	0 B	2.42 B	1.22	6.76	4.03	0.565	0.179	7.00	---	---	6
7	---	---	0 B	2.86 B	1.07	5.74	3.30	0.711	0.413	6.88	---	---	7
8	---	---	0 B	0.926B	1.22	7.33	2.62	0.797	0.833	6.30	---	---	8
9	---	---	0 B	0.867B	1.32	7.15	2.14	0.901	0.973	5.25	---	---	9
10	---	---	0 B	0.731B	1.28	5.85	1.68	0.862	1.27	4.91	---	---	10
11	---	---	0 B	0.867	1.09	4.86	1.26	0.732	1.14	4.89	---	---	11
12	---	---	0 B	0.867	1.03	4.14	1.03	0.764	0.778	4.48	---	---	12
13	---	---	0 B	0.867	0.870	4.43	0.893	0.659	0.485	4.50	---	---	13
14	---	---	0 B	0.781	0.857	7.78	0.700	0.550	0.350	4.25	---	---	14
15	---	---	0 B	0.651	0.774	12.2	0.556	1.22	0.247	3.73	---	---	15
16	---	---	0 B	0.499	0.631	11.0	0.514	0.701	0.226	3.39	---	---	16
17	---	---	0 B	0.532	0.741	9.45	0.785	0.423	0.238	3.17	---	---	17
18	---	---	0 B	0.485	0.614	8.44	1.14	0.267	0.211	3.34	---	---	18
19	---	---	0 B	0.741	0.465	7.96	1.09	0.246	0.242	3.22	---	---	19
20	---	---	0 B	0.434	0.409	7.40	1.19	0.192	0.220	3.03	---	---	20
21	---	---	0 B	0.329	0.361	6.48	1.06	0.528	0.190	2.83	---	---	21
22	---	---	0 B	0.399	0.343	6.74	0.824	0.990	0.172	2.62	---	---	22
23	---	---	0 B	0.804	0.412	6.35	0.626	0.985	0.182	2.49	---	---	23
24	---	---	0 B	0.825	1.01	8.24	0.875	0.799	0.201	2.39	---	---	24
25	---	---	0 B	0.748	2.95	9.85	2.78	0.594	0.237	2.45	---	---	25
26	---	---	0 B	0.734	4.68	8.30	2.52	0.477	0.315	2.73	---	---	26
27	---	---	0.079B	0.768	4.62	6.57	1.92	0.351	0.931	2.31	---	---	27
28	---	---	0.017B	0.803	3.88	7.02	1.67	0.297	1.35	2.20	---	---	28
29	---		0.595B	1.51	3.28	11.5	1.28	0.244	1.35	2.40	---	---	29
30	---		1.39 B	1.03	2.83	10.3	1.03	0.229	1.39	2.52	---	---	30
31	---		2.19 B		2.37		0.952	0.226		2.58		---	31
TOTAL	---	---	4.271	35.448	46.467	219.42	69.345	19.630	15.389	122.03	---	---	TOTAL
MEAN	---	---	0.138	1.18	1.50	7.31	2.24	0.633	0.513	3.94	---	---	MEAN
MAX	---	---	2.19	3.00	4.68	12.2	8.72	1.22	1.39	7.00	---	---	MAX
MIN	---	---	0	0.329	0.343	2.05	0.514	0.192	0.172	2.20	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.17
MAXIMUM DAILY, 12.2 ON JUN 15
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
12.2 AT 16:30 CST ON JUN 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 45 10 N
LONG 94 14 00 W
DRAINAGE AREA, 461 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 990
FEB	---	AUG	1 700
MAR	369	SEP	1 330
APR	3 060	OCT	10 500
MAY	4 010	NOV	---
JUN	19 000	DEC	---

TOTAL DISCHARGE, 46 000 dam³

PIPESTONE RIVER AT KARL LAKE - STATION NO. 04DA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.2B	10.1 B	7.40B	7.70B	28.3	89.0	111	18.3	12.8	58.6	65.8	37.8B	1
2	15.1B	10.0 B	7.35B	7.90B	31.2	88.5	104	18.2	14.5	64.5	65.2	36.9B	2
3	15.0B	9.80B	7.30B	8.05B	35.1	89.2	97.6	17.7	14.5	72.6	63.7	36.0B	3
4	14.8B	9.65B	7.25B	8.30B	29.1	89.7	89.8	17.0	14.5	79.9	62.5	35.1B	4
5	14.7B	9.50B	7.25B	8.50B	45.0	91.7	84.1	16.1	14.1	85.2	62.5	34.2B	5
6	14.5B	9.35B	7.20B	8.70B	67.3	98.8	79.7	15.8	14.1	88.5	63.6	33.3B	6
7	14.4B	9.25B	7.15B	8.90B	83.8	101	74.1	15.8	19.1	89.8	62.9	32.6B	7
8	14.2B	9.10B	7.10B	9.10B	96.8	102	70.0	15.4	26.0	88.6	61.8	31.8B	8
9	14.1B	9.00B	7.10B	9.40B	105	101	66.0	15.1	29.5	86.9	59.9	31.1B	9
10	13.9B	8.85B	7.05B	9.65B	113	99.8	63.3	15.1	31.6	84.7	58.8	30.2B	10
11	13.8B	8.70B	7.05B	10.0 B	117	96.5	58.8	15.0	34.5	83.0	57.4	29.6B	11
12	13.6B	8.65B	7.05B	10.2 B	119	93.9	53.1	14.6	41.4	81.4	56.7	28.8B	12
13	13.5B	8.50B	7.00B	10.5 B	120	90.8	50.2	14.2	51.2	79.3	58.3	28.2B	13
14	13.3B	8.45B	7.00B	10.9 B	120	88.3	47.3	14.9	60.5	78.8	57.5	27.6B	14
15	13.2B	8.35B	7.00B	11.3 B	117	97.2	44.1	14.7	67.0	77.0	56.2	26.9B	15
16	13.1B	8.25B	6.95B	11.7 B	114	115	40.8	14.1	70.2	74.4	57.0	26.3B	16
17	12.9B	8.15B	6.95B	12.1 B	111	125	38.5	13.9	71.3	73.6	58.3	25.7B	17
18	12.8B	8.10B	6.95B	12.5 B	109	131	36.6	13.7	71.4	74.3	57.5	25.2B	18
19	12.6B	8.00B	6.90B	12.9 B	106	141	34.7	13.8	69.9	74.2	52.8	24.7B	19
20	12.4B	7.95B	6.90B	13.3 B	102	148	33.1	14.2	66.4	74.0	51.5B	24.1B	20
21	12.2B	7.90B	6.90B	13.9 B	98.2	153	31.3	14.4	62.8	73.4	50.0B	23.6B	21
22	12.0B	7.80B	6.85B	14.4 B	94.2	157	29.7	14.3	59.4	73.3	48.5B	23.1B	22
23	11.8B	7.75B	6.85B	15.0 B	90.6	158	28.2	13.9	56.2	72.0	47.0B	22.7B	23
24	11.7B	7.70B	6.85B	15.8	86.2	157	26.8	13.3	53.9	70.9	45.8B	22.1B	24
25	11.5B	7.65B	6.90B	16.4	84.8	154	25.6	12.9	51.9	69.5	44.6B	21.6B	25
26	11.3B	7.55B	6.95B	17.5	83.6	149	24.4	12.4	48.8	65.0	43.4B	21.2B	26
27	11.1B	7.50B	7.00B	18.6	82.6	142	23.7	12.0	49.9	66.0	42.2B	20.7B	27
28	10.8B	7.45B	7.10B	20.1	82.2	136	22.5	11.4	53.9	64.9	41.0B	20.3B	28
29	10.6B		7.25B	23.3	82.6	127	21.0	10.8	58.9	64.9	39.8B	19.9B	29
30	10.5B		7.40B	25.9	86.0	119	20.5	10.5	56.0	64.2	38.8B	19.5B	30
31	10.3B		7.55B		88.4		19.3	10.4		64.9		19.1B	31
TOTAL	400.9	239.00	219.50	382.50	2 729.0	3 529.4	1 549.8	443.9	1 342.2	2 318.3	1 631.0	839.9	TOTAL
MEAN	12.9	8.54	7.08	12.8	88.0	118	50.0	14.3	44.7	74.8	54.4	27.1	MEAN
MAX	15.2	10.1	7.55	25.9	120	158	111	18.3	71.4	89.8	65.8	37.8	MAX
MIN	10.3	7.45	6.85	7.70	28.3	88.3	19.3	10.4	12.8	58.6	38.8	19.1	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 42.8
MAXIMUM DAILY, 158 ON JUN 23
MINIMUM DAILY, 6.85B ON MAR 22
MAXIMUM INSTANTANEOUS,
159 AT 22:47 EST ON JUN 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 34 50 N
LONG 90 11 20 W
DRAINAGE AREA, 5 960 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	34 600	JUL	134 000
FEB	20 600	AUG	38 400
MAR	19 000	SEP	116 000
APR	33 000	OCT	200 000
MAY	236 000	NOV	141 000
JUN	305 000	DEC	72 600

TOTAL DISCHARGE, 1 350 000 dam³

PORCUPINE RIVER AT HOYLE - STATION NO. 04MD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.940B	0.600B	4.05B	12.2	17.0	5.22	2.09	0.523	0.529	0.387	4.29	1.73B	1
2	0.931B	0.600B	3.90B	18.1	14.9	4.75	1.96	0.611	0.527	0.452	4.49	1.68B	2
3	0.900B	0.600B	3.75B	23.9	13.5	4.58	2.01	0.678	0.441	0.527	4.48	1.64B	3
4	0.890B	0.595B	3.60B	31.1	14.9	4.46	2.26	0.680	0.439	0.620	4.53	1.60B	4
5	0.870B	0.595B	3.40B	32.0	25.5	4.13	2.56	0.566	0.442	0.701	4.48	1.58B	5
6	0.855B	0.595B	3.30B	30.3	33.2	3.75	2.40	0.460	0.463	0.985	4.92	1.54B	6
7	0.845B	0.595B	3.20B	29.3	30.2	3.32	1.99	0.432	0.498	2.49	5.27	1.52B	7
8	0.830B	0.590B	3.00B	28.7	25.6	3.06	1.87	0.444	0.635	3.71	5.25	1.50B	8
9	0.810B	0.590B	2.85B	30.7	21.1	3.03	1.44	0.481	0.660	3.87	4.40B	1.48B	9
10	0.790B	0.590B	2.70B	33.5	16.9	2.95	1.16	0.582	0.718	3.77	4.10B	1.46B	10
11	0.780B	0.620B	2.65B	33.9	13.8	2.82	1.13	0.573	0.704	3.62	3.90B	1.43B	11
12	0.770B	0.620B	2.55B	32.0	12.0	2.69	1.15	0.500	0.762	3.43	3.83	1.42B	12
13	0.760B	0.630B	2.42B	31.1	14.2	2.72	1.44	0.436	0.757	3.19	3.81	1.39B	13
14	0.740B	0.660B	2.33B	37.3	15.2	2.77	1.48	0.407	0.726	3.01	3.74	1.38B	14
15	0.730B	0.690B	2.28B	33.5	14.1	2.78	1.45	0.551	0.682	3.19	3.68	1.35B	15
16	0.720B	0.750B	2.22B	33.7	12.5	2.61	1.34	0.685	0.607	3.37	3.52	1.33B	16
17	0.710B	0.850B	2.20B	36.5	10.9	2.24	1.22	0.742	0.497	3.31	3.35	1.32B	17
18	0.695B	0.950B	2.19B	37.2	9.40	1.88	1.14	0.740	0.450	3.68	3.29	1.30B	18
19	0.680B	1.15 B	2.19B	33.8	8.17	2.16	1.31	0.642	0.497	5.30	3.26	1.27B	19
20	0.670B	1.33 B	2.19B	27.4	7.25	2.20	1.36	0.516	0.473	5.98	3.18	1.26B	20
21	0.660B	1.52 B	2.19B	21.8	6.41	1.94	1.07	0.469	0.465	5.60 B	2.80B	1.25B	21
22	0.650B	1.85 B	2.20B	17.7	5.82	1.65	0.854	0.463	0.455	5.30 B	2.60B	1.24B	22
23	0.645B	2.35 B	2.27B	15.6	5.34	1.65	0.756	0.573	0.410	5.10 B	2.45B	1.23B	23
24	0.640B	3.00 B	2.38B	14.3	4.88	1.64	0.713	0.777	0.408	4.90 B	2.30B	1.21B	24
25	0.630B	3.85 B	2.55B	13.8	4.85	1.73	0.739	0.807	0.426	4.73	2.20B	1.20B	25
26	0.625B	5.00 B	2.75B	15.3	6.52	1.93	0.652	0.679	0.414	4.52	2.10B	1.19B	26
27	0.620B	4.90 B	3.00B	17.2	8.53	1.83	0.547	0.506	0.406	4.47	2.00B	1.18B	27
28	0.620B	4.55 B	3.84	18.4	8.43	1.57	0.524	0.424	0.422	4.47	1.90B	1.17B	28
29	0.610B		4.95	18.5	7.80	1.73	0.531	0.386	0.434	4.45	1.84B	1.15B	29
30	0.610B		6.96	18.6	6.93	2.11	0.529	0.424	0.400	4.28	1.78B	1.14B	30
31	0.605B		8.83		5.91		0.514	0.503		4.15		1.13B	31
TOTAL	22.831	41.220	98.89	777.4	401.74	81.90	40.189	17.260	15.747	107.562	103.74	42.27	TOTAL
MEAN	0.736	1.47	3.19	25.9	13.0	2.73	1.30	0.557	0.525	3.47	3.46	1.36	MEAN
MAX	0.940	5.00	8.83	37.3	33.2	5.22	2.56	0.807	0.762	5.98	5.27	1.73	MAX
MIN	0.605	0.590	2.19	12.2	4.85	1.57	0.514	0.386	0.400	0.387	1.78	1.13	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.80
MAXIMUM DAILY, 37.3 ON APR 14
MINIMUM DAILY, 0.386 ON AUG 29
MAXIMUM INSTANTANEOUS,
38.9 AT 11:10 EST ON APR 14

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 33 22 N
LONG 81 03 25 W
DRAINAGE AREA, 401 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 970	JUL	3 470
FEB	3 560	AUG	1 490
MAR	8 540	SEP	1 360
APR	67 200	OCT	9 290
MAY	34 700	NOV	8 960
JUN	7 080	DEC	3 650

TOTAL DISCHARGE, 151 000 dam³

REMARKS - THE FLOW IS CONTINOUSLY AFFECTED BY BEAVER ACTIVITY AND A CONTROL DAM AT TAILINGS (MINE) DUMP SITE

RAINY LAKE NEAR FORT FRANCES - STATION NO. 05PB007

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	337.432	337.211	336.939	336.848	337.267	337.634	337.700	337.615	337.516	337.472	337.490	337.473	1
2	337.437	337.199	336.937	336.873	337.277	337.651	337.689	337.606	337.511	337.453	337.491	337.462	2
3	337.430	337.188	336.937	336.888	337.292	337.633	337.685	337.599	337.503	337.458	337.487	337.458	3
4	337.424	337.180	336.931	336.901	337.294	337.615	337.678	337.585	337.497	337.470	337.484	337.445	4
5	337.420	337.171	336.926	336.917	337.304	337.601	337.671	337.584	337.492	337.467	337.484	337.443	5
6	337.411	337.161	336.918	336.936	337.324	337.600	337.664	337.587	337.496	337.471	337.490	337.441	6
7	337.404	337.153	336.912	336.949	337.341	337.616	337.661	337.593	337.498	337.477	337.497	337.432	7
8	337.398	337.140	336.906	336.963	337.361	337.614	337.662	337.593	337.490	337.485	337.494	337.426	8
9	337.390	337.128	336.897	336.976	337.382	337.612	337.643	337.596	337.490	337.488	337.482	337.419	9
10	337.383	337.119	336.888	336.988	337.393	337.614	337.649	337.594	337.492	337.491	337.494	337.417	10
11	337.377	337.111	336.885	336.998	337.410	337.614	337.659	337.593	337.486	337.492	337.493	337.408	11
12	337.374	337.097	336.881	337.012	337.427	337.623	337.659	337.596	337.476	337.494	337.498	337.401	12
13	337.367	337.087	336.877	337.021	337.444	337.635	337.660	337.599	337.481	337.490	337.501	337.393	13
14	337.358	337.076	336.875	337.025	337.460	337.643	337.665	337.594	337.469	337.485	337.503	337.385	14
15	337.351	337.066	336.871	337.041	337.478	337.633	337.670	337.593	337.470	337.484	337.507	337.379	15
16	337.342	337.054	336.868	337.052	337.495	337.630	337.666	337.589	337.462	337.486	337.497	337.373	16
17	337.336	337.045	336.863	337.057	337.499	337.626	337.674	337.578	337.451	337.500	337.491	337.367	17
18	337.328	337.034	336.856	337.065	337.501	337.617	337.676	337.572	337.437	337.486	337.503	337.361	18
19	337.321	337.024	336.853	337.076	337.509	337.619	337.679	337.565	337.439	337.477	337.500	337.354	19
20	337.311	337.018	336.850	337.080	337.520	337.635	337.684	337.562	337.436	337.494	337.493	337.349	20
21	337.304	337.013	336.847	337.090	337.531	337.650	337.682	337.565	337.435	337.485	337.490	337.381	21
22	337.295	337.003	336.837	337.104	337.554	337.670	337.675	337.566	337.424	337.485	337.491	337.333	22
23	337.288	336.990	336.829	337.120	337.574	337.678	337.673	337.561	337.416	337.474	337.486	337.330	23
24	337.280	336.984	336.823	337.137	337.599	337.704	337.674	337.562	337.413	337.478	337.479	337.325	24
25	337.274	336.976	336.820	337.161	337.619	337.718	337.664	337.555	337.411	337.469	337.488	337.324	25
26	337.263	336.969	336.815	337.178	337.621	337.723	337.654	337.551	337.422	337.469	337.493	337.327	26
27	337.256	336.960	336.814	337.194	337.617	337.719	337.645	337.541	337.410	337.479	337.479	337.320	27
28	337.247	336.946	336.825	337.213	337.618	337.718	337.637	337.536	337.412	337.488	337.476	337.317	28
29	337.238		336.825	337.233	337.621	337.710	337.627	337.529	337.429	337.495	337.474	337.312	29
30	337.230		336.826	337.257	337.620	337.705	337.624	337.516	337.451	337.495	337.477	337.307	30
31	337.221		336.831		337.619		337.626	337.526		337.487		337.306	31
MEAN	337.338	337.075	336.870	337.045	337.470	337.649	337.664	337.574	337.461	337.481	337.490	337.378	MEAN
MAX	337.437	337.211	336.939	337.257	337.621	337.723	337.700	337.615	337.516	337.500	337.507	337.473	MAX
MIN	337.221	336.946	336.814	336.848	337.267	337.600	337.624	337.516	337.410	337.453	337.474	337.306	MIN

SUMMARY FOR THE YEAR 1981

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 38 30 N
LONG 93 20 00 W

WATER LEVELS IN METRES

MEAN, 337.377
MAXIMUM DAILY, 337.723 ON JUN 26
MINIMUM DAILY, 336.814 ON MAR 27
MAXIMUM INSTANTANEOUS,
337.726 AT 12:00 CST ON JUN 26

REGULATED SINCE 1909

WATER LEVELS ARE REFERRED TO UNITED STATES COAST AND GEODETIC SURVEY DATUM

RAINY RIVER AT FORT FRANCES - STATION NO. 05PC019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	147	270	180	102	255	448	530	270	117	109	131	225	1
2	230	271	189	111	261	634	544	269	118	109	166	215	2
3	246	268	187	123	263	668	499	260	119	113	160	221	3
4	245	267	182	126	264	667	497	185	117	109	147	218	4
5	243	268	189	124	265	493	500	177	109	109	127	226	5
6	244	268	187	115	276	494	377	171	110	109	149	228	6
7	244	267	184	114	288	494	340	170	108	108	148	213	7
8	244	269	189	112	289	542	340	170	109	108	145	225	8
9	244	264	190	111	292	543	293	171	113	108	145	224	9
10	245	267	167	112	288	452	294	173	110	108	154	222	10
11	245	264	159	120	289	445	294	173	109	108	150	225	11
12	244	264	165	123	275	449	293	172	109	111	148	218	12
13	243	265	159	120	265	448	297	172	109	108	158	225	13
14	243	266	156	123	315	449	288	168	110	110	158	212	14
15	246	264	157	125	343	449	291	175	109	110	159	220	15
16	248	269	164	116	342	448	288	174	109	110	180	221	16
17	253	263	174	114	344	409	287	175	109	109	183	221	17
18	254	254	176	113	345	394	288	156	109	109	182	227	18
19	252	241	187	111	333	324	289	142	110	108	177	223	19
20	254	247	186	113	285	292	289	138	109	108	174	233	20
21	252	243	204	112	280	294	290	141	108	107	185	224	21
22	260	241	191	114	288	299	290	141	110	95.1	184	197	22
23	258	244	190	113	294	294	290	141	109	105	183	184	23
24	260	234	183	112	293	377	291	143	111	111	184	169	24
25	259	241	162	114	481	399	289	142	109	114	184	124	25
26	260	242	177	113	497	524	290	141	110	110	180	174	26
27	258	241	175	111	497	542	274	140	109	110	179	198	27
28	268	226	178	114	496	541	269	141	109	110	184	208	28
29	275		180	143	448	545	271	140	109	112	182	225	29
30	277		167	202	448	546	270	136	109	95.9	183	231	30
31	274		180		447		270	134		98.1		219	31
TOTAL	7 715	7 168	5 514	3 576	10 326	13 903	10 212	5 201	3 312	3 349.1	4 969	6 595	TOTAL
MEAN	249	256	178	119	333	463	329	168	110	108	166	213	MEAN
MAX	277	271	204	202	497	668	544	270	119	114	185	233	MAX
MIN	147	226	156	102	255	292	269	134	108	95.1	127	124	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 224
MAXIMUM DAILY, 668 ON JUN 3
MINIMUM DAILY, 95.1 ON OCT 22

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 36 30 N
LONG 93 24 00 W
DRAINAGE AREA, 38 600 km²

REGULATED SINCE 1909

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	667 000	JUL	882 000
FEB	619 000	AUG	449 000
MAR	476 000	SEP	286 000
APR	309 000	OCT	289 000
MAY	892 000	NOV	429 000
JUN	1 200 000	DEC	570 000

TOTAL DISCHARGE, 7 070 000 dam³

RAINY RIVER AT MANITOU RAPIDS - STATION NO. 05PC018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	218B	283B	255B	261	453	566	844	306	176	157	234	247	1
2	170B	283B	231	255	518	600	810	306	166	175	252	268	2
3	255B	283B	228	266	544	765	782	303	160	200	266	271	3
4	269B	283B	221	276	541	841	728	286	161	218	271	274	4
5	269B	283B	213	278	524	844	691	243	158	234	249	274	5
6	269B	283B	220	262	501	759	657	218	150	263	236	276	6
7	269B	283B	214	245	484	722	541	220	147	300	249	267	7
8	269B	283B	212	231	470	705	473	231	144	320	246	266	8
9	269B	283B	214	216	453	716	442	240	147	317	243	265	9
10	269B	283B	213	203	442	694	394	240	154	309	236	263B	10
11	269B	283B	191	199	433	623	368	236	155	300	240	261B	11
12	269B	283B	184	191	419	589	360	231	154	289	233	261B	12
13	269B	283B	184	186	394	572	354	226	151	279	232	261B	13
14	269B	283B	177	191	374	561	348	220	148	272	236	261B	14
15	269B	283B	183	194	413	566	337	215	145	267	237	261B	15
16	269B	283B	183	193	436	589	334	215	143	261	240	261B	16
17	269B	283B	192	190	433	592	337	212	141	254	253	261B	17
18	272B	269B	208	193	428	549	337	210	140	252	258	261B	18
19	272B	269B	205	187	422	524	334	193	139	266	253	261B	19
20	275B	269B	215	186	388	450	337	179	138	289	249	261B	20
21	275B	269B	204	186	357	405	337	175	136	297	241	261B	21
22	275B	269B	227	182	345	399	331	174	135	292	234	255B	22
23	278B	269B	217	184	351	416	328	176	134	281	230	241B	23
24	278B	269B	219	199	362	464	326	181	134	277	231	227B	24
25	278B	269B	204	261	391	547	326	187	134	271	233	212B	25
26	278B	269B	208	331	549	614	323	190	135	261	238	170B	26
27	278B	269B	218	351	617	714	323	191	140	248	237	212B	27
28	278B	269B	224	351	631	742	314	189	144	242	242	227B	28
29	283B		231	348	626	770	311	187	145	236	241	241B	29
30	292B		243	382	597	827	309	184	148	234	239	255B	30
31	292B		253		578		306	177		227		261B	31
TOTAL	8 313	7 770	6 591	7 178	14 474	18 725	13 342	6 741	4 802	8 088	7 279	7 843	TOTAL
MEAN	268	278	213	239	467	624	430	217	147	261	243	253	MEAN
MAX	292	283	255	382	631	844	844	306	176	320	271	276	MAX
MIN	170	269	177	182	345	399	306	174	134	157	230	170	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 303
MAXIMUM DAILY, 844 ON JUN 5
MINIMUM DAILY, 134 ON SEP 23
MAXIMUM INSTANTANEOUS,
861 AT 11:00 CST ON JUN 5

SUMMARY FOR THE YEAR 1981

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 38 04 N
LONG 93 54 47 W
DRAINAGE AREA, 50 200 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	718 000	JUL	1 150 000
FEB	671 000	AUG	582 000
MAR	569 000	SEP	380 000
APR	620 000	OCT	699 000
MAY	1 250 000	NOV	629 000
JUN	1 620 000	DEC	678 000

TOTAL DISCHARGE, 9 570 000 dam³

RAISIN RIVER NEAR WILLIAMSTOWN - STATION NO. 02MC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.18 B	0.910B	15.8	6.93	5.59	4.83	2.27	0.371	0.349	3.98	10.8	6.15	1
2	1.14 B	1.08 B	15.7	9.53	4.35	3.63	2.26	0.303	0.355	3.27	8.13	5.35	2
3	1.09 B	0.960B	10.6	8.33	3.56	2.85	1.95	0.253	0.387	2.97	6.85	5.37	3
4	1.05 B	0.920B	7.03	7.17	2.95	2.88	1.58	0.217	0.420	2.75	5.96	5.63	4
5	1.01 B	0.880B	6.04	7.82	2.62	6.77	1.22	0.208	0.472	2.42	5.33	5.33	5
6	0.980B	0.860B	5.25	7.33	2.36	6.38	1.02	0.190	0.494	2.17	5.65	4.69	6
7	0.970B	0.845B	4.83	6.06	2.16	5.16	0.877	0.254	0.472	2.37	10.2	3.12B	7
8	0.960B	0.830B	4.91	4.95	1.94	4.63	0.733	0.333	0.439	3.17	12.0	4.06B	8
9	0.950B	0.825B	5.24	4.38	1.69	5.43	0.711	0.324	0.409	3.51	12.3	3.09B	9
10	0.940B	0.820B	5.30	4.45	1.53	6.39	1.05	0.351	0.644	3.04	11.3	2.56	10
11	0.930B	2.60 B	5.19	4.27	1.87	4.85	0.969	0.444	2.77	2.57	8.33	2.35B	11
12	0.920B	5.60 B	4.79	4.13	7.31	3.73	0.748	0.653	4.07	2.23	7.19	2.28B	12
13	0.910B	12.4 B	4.64	3.70	15.4	3.07	0.577	0.683	3.19	1.97	6.12	2.18B	13
14	0.900B	10.9 B	4.82	3.53	10.9	2.62	0.662	0.555	2.33	1.79	5.31	2.12B	14
15	0.890B	9.77 B	4.44	3.79	10.3	2.32	0.778	0.612	1.71	1.70	4.93	2.07B	15
16	0.880B	8.40 B	4.44	3.63	16.7	2.22	1.03	3.15	1.29	1.60	4.79	1.99B	16
17	0.870B	15.4 B	4.05	3.32	13.7	2.16	0.890	5.88	1.03	1.51	4.88	1.84B	17
18	0.860B	31.8 B	3.03	3.76	9.48	2.11	0.651	5.62	0.865	1.48	6.25	1.49B	18
19	0.850B	46.9 B	2.58	4.56	6.47	1.80	0.527	3.83	0.752	1.65	11.9	1.40B	19
20	0.840B	73.4 B	2.60	4.19	4.93	1.48	0.507	2.34	0.701	1.89	13.4	1.30B	20
21	0.830B	90.9 B	2.31	3.82	3.97	1.27	0.648	1.54	0.643	1.92	19.0	1.22B	21
22	0.821B	82.5	2.18	3.36	3.26	2.07	1.10	1.13	0.641	2.14	23.4	1.21	22
23	0.813B	57.4	2.37	2.96	2.74	9.20	1.23	0.867	3.52	4.36	17.9	1.31	23
24	0.806B	46.4	2.68	3.28	2.29	8.16	0.949	0.693	14.8	8.08	11.1	1.30	24
25	0.800B	41.5	2.90	4.40	2.02	5.31	0.639	0.542	13.6	7.45	7.47	1.31B	25
26	0.795B	33.8	3.03	4.78	1.92	5.06	0.492	0.457	8.26	9.28	5.87	1.29B	26
27	0.820B	22.1	3.26	4.19	2.01	5.33	0.426	0.433	7.16	20.3	6.92	1.26B	27
28	0.875B	14.7	3.26	3.40	5.04	4.59	0.372	0.434	8.15	47.9	14.2	1.22B	28
29	0.850B		3.15	3.91	8.22	3.35	0.384	0.389	6.85	46.6	12.7	1.18B	29
30	0.825B		3.58	6.56	6.95	2.49	0.386	0.355	5.11	30.8	8.08	1.14B	30
31	0.805B		6.35		6.26		0.382	0.323		16.0		1.10B	31
TOTAL	28.160	615.400	156.35	146.49	170.49	122.14	28.018	33.734	91.883	242.87	288.26	77.91	TOTAL
MEAN	0.908	22.0	5.04	4.88	5.50	4.07	0.904	1.09	3.06	7.83	9.61	2.51	MEAN
MAX	1.18	90.9	15.8	9.53	16.7	9.20	2.27	5.88	14.8	47.9	23.4	6.15	MAX
MIN	0.795	0.820	2.18	2.96	1.53	1.27	0.372	0.190	0.349	1.48	4.79	1.10	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.48
MAXIMUM DAILY, 90.9B ON FEB 21
MINIMUM DAILY, 0.190 ON AUG 6
MAXIMUM INSTANTANEOUS,
97.2 AT 19:29 EST ON FEB 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 09 19 N
LONG 74 38 18 W
DRAINAGE AREA, 404 km²

B - ICE CONDITIONS

NATURAL FLOW

REMARKS - DRAINAGE AREA AND FLOWS ARE REFERRED TO CONTROL AT LAT. 45 09 10 LONG. 74 37 31

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 430	JUL	2 420
FEB	53 200	AUG	2 910
MAR	13 500	SEP	7 940
APR	12 700	OCT	21 000
MAY	14 700	NOV	24 900
JUN	10 600	DEC	6 730

TOTAL DISCHARGE, 173 000 dam³

REDHILL CREEK AT HAMILTON - STATION NO. 02HA014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.028B	0.300B	0.537	0.289	0.291	0.056	0.207	0.081	0.528	1.72	0.444	0.403	1
2	0.026B	0.730B	0.391	0.225	0.239	0.047	0.103	0.068	7.26	0.343	0.420	0.676	2
3	0.025B	0.250B	0.295	0.198	0.247	0.569	0.094	0.768	10.8	0.311	0.365	0.390	3
4	0.024B	0.210B	0.255B	0.202	0.209	0.086	0.154	0.270	8.23	0.540	0.340	0.302	4
5	0.053B	0.160B	0.220	0.201	0.227	0.048	0.526	0.084	15.9	0.518	0.310	0.273	5
6	0.076B	0.140B	0.208	0.155	0.175	0.061	0.074	0.060	3.34	2.21	0.352	0.307	6
7	0.074B	0.118B	0.190	0.142	0.114	0.060	0.042	0.046	1.19	1.02	0.303	0.236	7
8	0.066B	0.100B	0.154	0.139	0.108	0.082	0.048	10.5	1.78	0.587	0.284	0.325	8
9	0.062B	0.090B	0.158	0.146	0.109	0.104	0.654	4.16	0.477	0.532	0.242	0.170	9
10	0.060B	0.083B	0.156	0.122	0.431	0.096	0.111	0.648	0.218	0.498	0.226	0.145B	10
11	0.055B	11.4 B	0.227	0.185	0.807	0.130	0.033	3.67	0.115	0.473	0.227	0.136B	11
12	0.054B	1.30 B	0.194	0.112	0.297	0.128	0.036	1.70	0.070	0.375	0.209	0.130B	12
13	0.060B	1.00 B	0.197	0.113	0.196	0.903	0.034	0.560	0.038	0.349	0.193	0.142E	13
14	0.062B	0.400B	0.151	1.76	0.177	0.461	0.027	0.605	2.15	0.339	0.218	0.162E	14
15	0.066B	0.340B	0.125B	0.268	0.259	0.120	0.028	1.53	0.145	0.339	0.212	0.200E	15
16	0.066B	2.00 B	0.115B	0.199	0.161	0.120	0.031	0.532	0.410	0.357	0.577	0.150E	16
17	0.063B	4.81	0.105B	0.487	0.117	0.125	0.040	0.375	1.97	0.360	0.344	0.101B	17
18	0.060B	2.72	0.100B	2.16	0.106	0.138	1.16	0.226	0.452	2.11	0.312	0.080B	18
19	0.062B	2.10	0.090B	0.395	0.102	0.154	1.15	0.197	0.246	0.548	0.268	0.063B	19
20	0.068B	3.66	0.125B	0.290	0.092	0.151	4.87	0.179	0.155	0.412	5.97	0.056B	20
21	0.062B	2.19	0.150B	0.225	0.084	1.50	0.531	0.165	2.00	0.558	2.18	0.045E	21
22	0.055B	0.830	0.135B	0.201	0.080	4.73	0.170	0.164	7.46	3.25	0.830	0.045E	22
23	0.052B	1.11	0.122	0.972	0.092	0.274	0.121	0.149	1.15	3.61	0.533	0.770E	23
24	0.050B	0.810	0.182	0.709	0.096	0.147	0.100	0.202	0.413	1.09	0.408	0.470E	24
25	0.049B	0.539	0.210	0.380	0.123	0.107	0.090	0.146	0.302	0.673	0.320	0.210B	25
26	0.410B	0.385	0.267	0.269	0.109	0.088	0.101	0.141	0.301	1.63	0.621	0.170B	26
27	0.215B	0.319	0.503	0.243	0.346	0.073	0.082	0.140	0.223	7.27	0.830	0.140E	27
28	0.120B	1.15	0.269	1.35	2.08	0.070	4.17	0.276	0.145	3.07	0.419	0.140E	28
29	0.090B		0.230	0.707	0.122	0.070	0.550	0.157	0.106	0.992	0.331	0.155E	29
30	0.079B		0.597	0.418	0.109	0.075	0.178	5.36	0.108	0.628	0.277	0.155B	30
31	0.070B		0.331		0.074		0.103	2.91		0.503		0.165E	31
TOTAL	2.362	39.244	6.989	13.262	7.779	10.773	15.618	36.069	67.682	37.215	18.561	6.912	TOTAL
MEAN	0.076	1.40	0.225	0.442	0.251	0.359	0.504	1.16	2.26	1.20	0.619	0.223	MEAN
MAX	0.410	11.4	0.597	2.16	2.08	4.73	4.87	10.5	15.9	7.27	5.97	0.770	MAX
MIN	0.024	0.083	0.090	0.112	0.074	0.047	0.027	0.046	0.038	0.311	0.193	0.045	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.719
MAXIMUM DAILY, 15.9 ON SEP 5
MINIMUM DAILY, 0.024B ON JAN 4
MAXIMUM INSTANTANEOUS,
36.5 AT 08:08 EST ON SEP 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 13 56 N
LONG 79 47 08 W
DRAINAGE AREA, 60.9 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	204	JUL	1 350
FEB	3 390	AUG	3 120
MAR	604	SEP	5 850
APR	1 150	OCT	3 220
MAY	672	NOV	1 600
JUN	931	DEC	597

TOTAL DISCHARGE, 22 700 dam³

REESOR CREEK ABOVE GREEN RIVER - STATION NO. 02HC039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.130B	0.255B	0.699	0.568	0.213	0.192	0.153	0.125	0.183	0.189	0.404	0.511	1
2	0.126B	0.245B	0.606	0.485	0.202	0.163	0.135	0.107	0.423	0.209	0.388	0.586	2
3	0.124B	0.230B	0.460B	0.425	0.184	0.210	0.133	0.095	0.364	0.208	0.353	0.518	3
4	0.122B	0.220B	0.350B	0.431	0.184	0.249	0.121	0.666	2.41	0.195	0.333	0.396B	4
5	0.120B	0.205B	0.280B	0.436	0.192	0.193	0.255	1.78	1.91	0.188	0.329	0.318B	5
6	0.118B	0.195B	0.290B	0.417	0.268	0.161	0.206	0.461	0.805	0.988	0.395	0.283B	6
7	0.116B	0.188B	0.300B	0.374	0.199	0.133	0.243	0.268	0.551	0.837	0.399	0.298B	7
8	0.115B	0.180B	0.356	0.242	0.198	0.132	0.144	0.203	0.408	0.606	0.361	0.310B	8
9	0.114B	0.175B	0.381	0.239	0.193	0.135	0.110	0.185	0.315	0.398	0.332	0.300B	9
10	0.113B	0.170B	0.377	0.222	0.309	0.179	0.102	0.170	0.269	0.335	0.305	0.285B	10
11	0.112B	0.530B	0.392	0.238	1.69	0.181	0.099	0.693	0.236	0.296	0.305	0.264B	11
12	0.111B	0.460B	0.365	0.259	1.11	0.152	0.091	0.579	0.234	0.248	0.298	0.250B	12
13	0.109B	0.430B	0.330B	0.283	0.637	0.151	0.089	0.242	0.191	0.227	0.295	0.224B	13
14	0.108B	0.405B	0.310B	0.665	0.479	0.146	0.069	0.197	0.170	0.220	0.304	0.200B	14
15	0.107B	0.380B	0.315B	0.529	0.446	0.141	0.075	1.17	0.158	0.281	0.316	0.180B	15
16	0.106B	0.365B	0.320B	0.397	0.402	0.203	0.063	0.804	0.147	0.283	0.596	0.170B	16
17	0.105B	1.70 B	0.285B	0.514	0.328	0.271	0.068	0.358	0.183	0.239	0.793	0.160B	17
18	0.104B	4.05 B	0.265B	0.476	0.278	0.174	0.110	0.233	0.200	1.20	0.605	0.150B	18
19	0.103B	6.80 B	0.245B	0.370	0.249	0.158	0.133	0.186	0.184	0.701	0.598	0.140B	19
20	0.102B	5.80 B	0.235B	0.340	0.213	0.139	0.183	0.142	0.189	0.450	1.35	0.132B	20
21	0.101B	5.30	0.225B	0.292	0.200	0.178	0.140	0.133	0.196	0.405	1.45	0.126B	21
22	0.101B	2.87	0.220B	0.294	0.188	0.507	0.120	0.126	0.306	0.697	0.817	0.124B	22
23	0.101B	3.18	0.266	0.316	0.182	0.408	0.107	0.113	0.236	1.27	0.630	0.160B	23
24	0.100B	2.00 B	0.280	0.392	0.153	0.269	0.101	0.118	0.197	0.896	0.574	0.220B	24
25	0.100B	0.840B	0.300	0.351	0.205	0.169	0.105	0.108	0.174	0.567	0.507	0.214B	25
26	0.150B	0.660B	0.283	0.315	0.226	0.179	0.110	0.104	0.220	0.640	0.496	0.210B	26
27	0.147B	0.650B	0.315	0.284	0.339	0.153	0.115	0.113	0.220	1.35	1.11	0.206B	27
28	0.138B	0.660B	0.305	0.254	0.500	0.122	0.299	0.187	0.185	1.47	0.748	0.203B	28
29	0.132B		0.320	0.281	0.382	0.107	0.390	0.197	0.159	0.662	0.595	0.200B	29
30	0.128B		0.652	0.250	0.313	0.130	0.226	0.210	0.158	0.518	0.524	0.197B	30
31	0.123B		0.727		0.257		0.159	0.204		0.447		0.194B	31
TOTAL	3.586	39.143	11.054	10.939	11.119	5.681	4.454	10.277	11.581	17.220	16.510	7.729	TOTAL
MEAN	0.116	1.40	0.357	0.365	0.359	0.189	0.144	0.332	0.386	0.555	0.550	0.249	MEAN
MAX	0.150	6.80	0.727	0.665	1.69	0.507	0.390	1.78	2.41	1.47	1.45	0.586	MAX
MIN	0.100	0.170	0.220	0.222	0.153	0.107	0.063	0.095	0.147	0.188	0.295	0.124	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.409
MAXIMUM DAILY, 6.80B ON FEB 19
MINIMUM DAILY, 0.063 ON JUL 16

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 56 07 N
LONG 79 12 03 W
DRAINAGE AREA, 38.3 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	310	JUL	385
FEB	3 380	AUG	888
MAR	955	SEP	1 000
APR	945	OCT	1 490
MAY	961	NOV	1 430
JUN	491	DEC	668

TOTAL DISCHARGE, 12 900 dam³

RIDEAU RIVER ABOVE SMITHS FALLS - STATION NO. 02LA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.0	6.77	66.1	7.15E	---	---	---	---	---	---	33.5	23.2	1
2	19.5	7.00	70.7	6.17	---	---	---	---	---	---	33.3	22.2	2
3	19.5	7.13	76.7	4.80	---	---	---	---	---	---	36.8	19.4	3
4	19.6	7.16	64.6	4.90	---	---	---	---	---	---	38.8	17.8	4
5	19.5	7.11	50.1	4.92	---	---	---	---	---	---	38.1	17.9	5
6	19.2	7.13	49.4	4.94	---	---	---	---	---	---	38.0	16.7	6
7	19.2	7.07	48.4	4.90E	---	---	---	---	---	---	37.9	18.6	7
8	19.1	7.27	47.9	4.93E	---	---	---	---	---	---	37.6	17.9	8
9	18.9	7.21	43.1	4.95	---	---	---	---	---	---	36.5	17.8	9
10	18.9	7.29	37.3	4.90	---	---	---	---	---	---	36.5	18.0	10
11	18.7	7.37	37.0	4.92	---	---	---	---	---	---	36.3	18.0	11
12	15.9	7.64	34.0	4.85	---	---	---	---	---	---	36.1	17.9	12
13	10.1	10.1	29.1	5.03	---	---	---	---	---	---	35.6	18.0	13
14	10.2	12.2	27.2	5.04	---	---	---	---	---	26.8	34.5	18.1	14
15	10.3	12.1	26.9	4.97	---	---	---	---	---	24.1	33.7	17.9	15
16	10.4	12.9	23.8	5.00	---	---	---	---	---	26.4	27.7	18.0	16
17	10.4	14.1	21.7	4.92	---	18.2A	---	---	---	26.0	26.3	18.2	17
18	10.2	14.2	20.3	5.00	---	---	---	---	---	26.3	26.3	17.2	18
19	10.2	14.5	16.2	5.10	---	---	---	---	---	26.0	26.3	16.5	19
20	10.2	15.3	12.1	5.08	---	---	---	---	---	25.9	25.9	16.5	20
21	8.83	16.4	10.4	5.04	---	---	---	---	---	21.9	26.3	15.4	21
22	7.91	16.8	10.2	5.08	---	---	7.63A	---	---	21.4	26.3	14.5	22
23	7.91	23.2	10.4	5.00	---	---	---	---	---	24.5	26.2	14.4	23
24	7.91	35.2	8.76	5.09	---	---	---	---	---	25.4	23.8	16.9	24
25	8.08	48.4	7.79	5.08E	---	---	---	---	---	25.4	22.0	18.4	25
26	8.13	67.3	7.80	5.06E	---	---	---	9.67A	---	25.3	22.0	18.3	26
27	7.45	64.7	8.19	5.05E	3.22A	---	---	---	---	25.5	24.0	18.2	27
28	6.92	66.6	8.10E	5.04E	---	---	---	---	---	27.8	25.6	18.2	28
29	6.84		7.90E	5.03E	---	---	---	---	---	30.8	25.4	18.2	29
30	6.68		7.70E	5.01E	---	---	---	---	---	32.2	25.2	18.2	30
31	6.71		7.50E		---		---	---		33.3		16.1	31
TOTAL	393.37	530.15	897.34	152.95	---	---	---	---	---	---	922.5	552.6	TOTAL
MEAN	12.7	18.9	28.9	5.10	---	---	---	---	---	---	30.8	17.8	MEAN
MAX	20.0	67.3	76.7	7.15	---	---	---	---	---	---	38.8	23.2	MAX
MIN	6.68	6.77	7.50	4.80	---	---	---	---	---	---	22.0	14.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 76.7 ON MAR 3

MAXIMUM INSTANTANEOUS,
85.4 AT 19:21 EST ON FEB 26

REMARKS - SEASONAL OPERATION (OCT-MAY APPROX.)

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 53 26 N
LONG 76 03 45 W
DRAINAGE AREA, 1 290 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	34 000	JUL	---
FEB	45 800	AUG	---
MAR	77 500	SEP	---
APR	13 200	OCT	---
MAY	---	NOV	79 700
JUN	---	DEC	47 700

RIDEAU RIVER AT OTTAWA - STATION NO. 02LA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	27.5 B	16.9B	234	62.4	7.15	35.9E	33.5	9.04	14.4	92.1	158	59.6	1
2	22.5 B	16.9B	209	49.3	17.8	32.8A	36.5	10.4	14.0	83.2	140	56.7	2
3	20.3 B	16.7B	173	55.9	17.0	29.3	34.2	11.4	13.0	67.0	102	54.7	3
4	22.3 B	16.5B	158	61.0	17.8	33.3	28.5	11.5	14.5	69.6	118	51.7	4
5	24.3 B	16.3B	147	66.2	18.1	46.7	25.1	27.7	15.7	68.3	112	48.6	5
6	24.3 B	16.3B	116	63.1	16.5	47.7	23.3	19.0	22.1	64.0	101	43.4	6
7	32.4 B	16.2B	88.1	48.2	15.6	47.6	21.1	16.8	28.9	70.9	104	37.4	7
8	34.9 B	16.1B	91.7	28.9	14.6	49.3	18.4	17.0	45.2	78.3	107	33.0	8
9	43.0 B	15.1B	91.1	26.3	15.1	52.2	13.0	13.4	93.8	71.8	107	34.4	9
10	46.9 B	14.3B	88.3	33.5	12.6	45.8	7.36	14.5	124	69.0	103	37.2	10
11	42.0 B	26.5B	78.1	38.3	16.7	42.0	14.0	16.7	189	73.9	95.4	37.3	11
12	39.1 B	68.2B	72.1	36.8	39.2	34.9	16.4	19.0	201	75.3	87.0	36.2	12
13	29.6 B	101 B	73.9	35.1	54.7	24.9	19.6	25.6	209	73.1	76.6	35.1	13
14	16.0 B	66.0B	72.3	32.9	47.1	19.6	19.0	28.4	193	69.1	65.8	32.8	14
15	17.0 B	53.6B	69.4	27.6	43.4	22.1	15.2	36.0	179	65.4	68.5	29.6	15
16	15.6 B	54.0B	59.6	22.4	51.3	37.1	13.7	72.4	152	44.2	70.7	29.9	16
17	15.2 B	71.0B	44.0	21.1	56.5	45.5	14.0	91.3	131	43.8	63.9	30.0B	17
18	14.8 B	150 B	40.4	20.9	49.1	14.4	16.3	56.0	126	46.4	59.6	30.5B	18
19	14.3 B	208 B	36.8	22.1	45.5	33.9	14.4	37.7	108	52.7	59.3	30.5B	19
20	13.5 B	273 B	37.6	22.9	42.6	32.0	16.2	40.7	88.9	54.5	59.0	30.0B	20
21	10.9 B	356 B	34.4	24.1	36.2	26.5	17.0	38.3	80.5	54.3	61.0	26.5B	21
22	12.4 B	380 B	33.9	23.1	32.2	69.6	20.0	25.3	83.8	54.5	69.0	26.2B	22
23	7.59B	395 B	34.4	17.0	28.2	122	23.7	23.8	96.5	65.6	74.7	25.2	23
24	8.24B	435	34.9	16.5	15.5	132	21.9	16.4	126	85.6	80.1	25.2	24
25	8.22B	411	35.1	18.2	19.7	129	18.0	17.4	125	86.6	76.1	24.4B	25
26	11.6 B	363	32.1	19.5	15.6	97.4	13.3	17.2	120	92.7	66.7	24.0B	26
27	12.5 B	307	25.9	13.3	16.1	60.9	14.6	15.2	121	123	60.3	23.4B	27
28	14.9 B	268	19.8	1.78	31.0 E	48.5	12.8	15.5	130	177	61.6	24.8B	28
29	15.7 B		18.6	2.48	42.5 A	35.7	12.3	13.1	122	198	62.7	25.1B	29
30	16.4 B		21.4	1.79	36.7 E	24.8	9.48	14.2	104	190	61.0	28.1B	30
31	16.6 B		40.4		36.2 E		7.82	14.6		180		31.0B	31
TOTAL	650.55	4 147.6	2 311.3	912.65	908.25	1 493.4	570.66	785.54	3 071.3	2 641.9	2 531.0	1 062.5	TOTAL
MEAN	21.0	148	74.6	30.4	29.3	49.8	18.4	25.3	102	85.2	84.4	34.3	MEAN
MAX	46.9	435	234	66.2	56.5	132	36.5	91.3	209	198	158	59.6	MAX
MIN	7.59	14.3	18.6	1.78	7.15	19.6	7.36	9.04	13.0	43.8	59.0	23.4	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 57.8
MAXIMUM DAILY, 435 ON FEB 24
MINIMUM DAILY, 1.78 ON APR 28
MAXIMUM INSTANTANEOUS,
446 AT 15:45 EST ON FEB 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 22 54 N
LONG 75 41 52 W
DRAINAGE AREA, 3 830 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	56 200	JUL	49 300
FEB	358 000	AUG	67 900
MAR	200 000	SEP	265 000
APR	78 900	OCT	228 000
MAY	78 500	NOV	219 000
JUN	129 000	DEC	91 800

TOTAL DISCHARGE, 1 820 000 dam³

RIDEAU RIVER AT RIDEAU FERRY - STATION NO. 02LA014

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.117	2.973	3.890	3.604	3.737	3.979	3.847	3.708	3.669	3.524	3.250	3.046	1
2	3.112	2.985	3.873	3.614	3.740	3.982	3.846	3.702	3.664	3.488	3.251	3.047	2
3	3.100	2.988	3.833	3.623	3.747	3.983	3.850	3.694	3.660	3.463	3.244	3.042	3
4	3.090	2.986	3.792	3.632	3.751	3.990	3.853	3.688	3.655	3.441	3.226	3.040	4
5	3.075	2.984	3.771	3.650	3.759	3.996	3.852	3.684	3.669	3.416	3.206	3.038	5
6	3.063	2.981	3.749	3.650	3.759	3.983	3.850	3.679	3.669	3.397	3.194	3.039	6
7	3.058	2.979	3.723	3.659	3.762	3.962	3.846	3.669	3.667	3.376	3.186	3.036	7
8	3.046	2.979	3.696	3.662	3.762	3.945	3.846	3.663	3.692	3.343	3.173	3.040	8
9	3.032	2.981	3.670	3.668	3.766	3.931	3.841	3.674	3.750	3.315	3.154	3.046	9
10	3.019	2.977	3.651	3.671	3.759	3.914	3.843	3.699	3.820	3.291	3.148	3.048	10
11	3.007	3.039	3.639	3.675	3.782	3.897	3.835	3.700	3.889	3.267	3.143	3.048	11
12	2.993	3.073	3.623	3.673	3.805	3.892	3.832	3.706	3.947	3.241	3.134	3.046	12
13	2.987	3.084	3.611	3.679	3.812	3.887	3.826	3.697	3.985	3.217	3.122	3.045	13
14	2.986	3.092	3.604	3.691	3.814	3.881	3.814	3.692	3.994	3.200	3.100	3.039	14
15	2.985	3.097	3.593	3.685	3.821	3.878	3.803	3.726	3.990	3.196	3.083	3.034	15
16	2.985	3.105	3.584	3.693	3.834	3.882	3.792	3.745	3.967	3.190	3.066	3.034	16
17	2.987	3.121	3.581	3.687	3.839	3.881	3.787	3.741	3.940	3.181	3.065	3.027	17
18	2.984	3.147	3.573	3.695	3.843	3.874	3.786	3.738	3.910	3.183	3.061	3.019	18
19	2.981	3.193	3.568	3.697	3.848	3.859	3.782	3.739	3.870	3.167	3.054	3.017	19
20	2.974	3.283	3.571	3.694	3.853	3.849	3.778	3.736	3.831	3.154	3.048	3.011	20
21	2.973	3.406	3.575	3.694	3.858	3.844	3.776	3.734	3.805	3.129	3.053	3.010	21
22	2.972	3.520	3.580	3.694	3.862	3.879	3.766	3.725	3.779	3.130	3.047	3.013	22
23	2.971	3.634	3.579	3.696	3.864	3.902	3.756	3.722	3.762	3.142	3.039	3.029	23
24	2.970	3.752	3.577	3.704	3.867	3.904	3.748	3.708	3.745	3.140	3.033	3.042	24
25	2.968	3.825	3.579	3.711	3.870	3.894	3.742	3.698	3.719	3.133	3.040	3.034	25
26	2.970	3.870	3.580	3.714	3.872	3.868	3.736	3.692	3.693	3.132	3.045	3.023	26
27	2.968	3.890	3.585	3.719	3.875	3.861	3.720	3.683	3.681	3.150	3.065	3.015	27
28	2.968	3.896	3.586	3.722	3.901	3.865	3.715	3.671	3.645	3.183	3.065	3.019	28
29	2.969		3.588	3.732	3.925	3.865	3.717	3.667	3.604	3.201	3.060	3.017	29
30	2.970		3.594	3.738	3.956	3.859	3.717	3.663	3.553	3.220	3.056	3.009	30
31	2.971		3.598		3.969		3.713	3.670		3.238		3.004	31
MEAN	3.008	3.244	3.646	3.681	3.826	3.906	3.794	3.700	3.774	3.253	3.114	3.031	MEAN
MAX	3.117	3.896	3.890	3.738	3.969	3.996	3.853	3.745	3.994	3.524	3.251	3.048	MAX
MIN	2.968	2.973	3.568	3.604	3.737	3.844	3.713	3.663	3.563	3.129	3.033	3.004	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 3.499
MAXIMUM DAILY, 3.996 ON JUN 5
MINIMUM DAILY, 2.968 ON JAN 25
MAXIMUM INSTANTANEOUS,
4.001 AT 12:19 EST ON JUN 5

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 120.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 50 54 N
LONG 76 08 28 W

REGULATED

DRAINAGE AREA,
398 km²

RIDEAU RIVER BELOW MANOTICK - STATION NO. 02LA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	23.3 B	14.4	197	44.1	14.3	24.4	25.0	8.07	12.6	92.0	133	57.0	1
2	18.8 B	14.3	179	36.5	14.9	24.2	29.1	9.31	12.8	80.4	122	54.0	2
3	16.9 B	14.2B	154	46.6	15.2	23.6	27.6	9.69	12.8	67.9	76.9	52.5	3
4	18.7 B	14.1B	142	50.6	15.3	31.4	22.3	10.8	12.8	69.5	112	47.7	4
5	20.6 B	14.0B	135	52.5	15.5	41.3	20.5	11.9	15.0	68.3	101	45.8	5
6	20.6 B	14.0	107	47.0	14.2	42.0	18.2	12.4	22.0	64.1	94.6	43.0B	6
7	28.0 B	13.8	91.5	26.1	13.9	48.1	17.3	13.9	26.9	67.3	95.2	28.3B	7
8	31.8 B	13.8	87.9	19.0	13.8	50.4	14.1	14.6	44.0	72.6	96.3	28.2	8
9	37.8 B	12.8	88.1	20.3	12.5	46.3	8.24	11.6	87.8	64.9	95.7	35.1	9
10	41.4 B	12.0	84.1	29.2	11.1	43.1	6.92	12.6	110	66.2	94.5	37.1B	10
11	37.0 B	22.5	71.9	31.1	14.9	39.7	11.3	14.4	159	71.5	86.2	36.7	11
12	34.4 B	57.4	69.7	30.0	30.9	29.9	14.6	19.0	166	73.7	80.1	36.1	12
13	25.8 B	86.4	70.8	28.7	42.0	19.2	14.9	23.8	170	73.1	67.6	34.7	13
14	13.5 B	54.7	68.7	25.7	38.4	16.0	14.5	27.9	162	67.6	63.0	29.9	14
15	14.4 B	43.2	65.5	19.4	36.3	18.6	11.8	35.3	152	65.1	68.5	28.2	15
16	13.2 B	43.4	48.5	16.1	38.8	21.0	10.7	76.4	131	44.8	67.1	29.0B	16
17	12.9 B	53.5	40.3	15.7	41.2	23.7	11.7	89.2	116	40.2	58.8	29.4B	17
18	12.5 B	111	36.4	15.9	40.0	27.1	12.1	53.8	116	44.5	56.4	29.4B	18
19	12.1 B	151	35.1	16.9	41.3	27.7	12.0	36.6	100	48.7	56.6	29.3B	19
20	11.4 B	194	35.2	18.1	38.8	27.1	12.1	40.2	85.9	50.6	55.1	29.1B	20
21	9.04B	243	31.7	20.1	32.9	23.5	14.4	37.4	79.8	50.5	56.7	25.8B	21
22	10.4 B	277	31.5	16.2	30.2	43.2	17.1	24.9	84.1	53.3	64.3	24.6	22
23	6.09B	280	31.4	11.1	23.6	95.4	19.6	20.2	98.2	58.6	72.5	24.4	23
24	6.70B	298	31.1	12.8	16.9	112	18.4	15.2	115	72.2	75.2	24.2	24
25	6.70B	289	29.8	13.8	14.9	112	13.5	14.8	118	77.0	70.1	23.9	25
26	9.76B	268	23.7	14.8	14.4	90.6	11.5	15.0	115	68.8	61.7	22.1B	26
27	10.6 B	243	16.0	15.3	14.8	55.4	11.4	15.3	115	97.7	57.4	20.4B	27
28	12.7 B	221	10.8	14.2	18.0	43.3	11.3	15.0	120	132	58.7	22.8	28
29	13.4 B		11.3	12.3	22.6	31.7	9.73	13.3	113	145	59.2	23.7B	29
30	14.0 B		15.5	13.6	25.2	20.8	8.19	12.5	100	151	58.7	24.2B	30
31	14.2 B		41.3		24.6		7.45	12.5		148		25.0B	31
TOTAL	558.69	3 073.5	2 081.8	733.7	741.4	1 252.7	457.53	727.57	2 772.7	2 347.1	2 315.2	1 001.6	TOTAL
MEAN	18.0	110	67.2	24.5	23.9	41.8	14.8	23.5	92.4	75.7	77.2	32.3	MEAN
MAX	41.4	298	197	52.5	42.0	112	29.1	89.2	170	151	133	57.0	MAX
MIN	6.09	12.0	10.8	11.1	11.1	16.0	6.92	8.07	12.6	40.2	55.1	20.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 49.5
MAXIMUM DAILY, 298 ON FEB 24
MINIMUM DAILY, 6.09B ON JAN 23
MAXIMUM INSTANTANEOUS,
312 AT 23:35 EST ON FEB 22

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 14 54 N
LONG 75 42 17 W
DRAINAGE AREA, 3 120 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	48 300	JUL	39 500
FEB	266 000	AUG	62 900
MAR	180 000	SEP	240 000
APR	63 400	OCT	203 000
MAY	64 100	NOV	200 000
JUN	108 000	DEC	86 500

TOTAL DISCHARGE, 1 560 000 dam³

RIDEAU RIVER BELOW MERRICKVILLE - STATION NO. 02LA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.3 B	9.75	110	14.3	9.30	15.1	15.9	8.75	9.66	66.5	77.9	35.7	1
2	17.8 B	9.83	109	18.7	8.17	14.8	15.8	8.73	10.7	54.8	73.7	33.9	2
3	17.1 B	9.75	97.0	25.3	8.46	15.2	15.2	8.76	11.7	51.2	67.6	32.1	3
4	16.4 B	9.64	97.2	21.9	9.01	20.7	15.5	8.43	11.6	49.6	63.5	26.9	4
5	15.9 B	9.58	84.0	20.3	8.01	23.1	13.9	9.08	10.8	49.4	61.8	24.7	5
6	15.3 B	9.32	66.5	15.7	7.74	34.9	13.4	9.06	19.9	49.3	60.2	22.1	6
7	14.8 B	9.14	66.2	11.6	8.18	34.1	11.4	9.17	23.6	50.2	59.9	11.0	7
8	14.3 B	9.00	66.1	12.7	7.84	34.0	6.31	8.95	38.7	44.0	60.6	23.5	8
9	13.9 B	8.90	61.8	13.2	8.16	33.7	7.69	9.07	48.3	42.7	58.8	26.7	9
10	13.3 B	8.96	52.1	16.3	8.26	33.3	7.23	9.90	71.1	56.3	57.9	23.6	10
11	12.9 B	11.0	53.4	13.2	8.71	28.6	7.18	11.5	89.4	54.8	56.6	23.3	11
12	12.4 B	24.3	53.8	12.3	8.78	20.8	7.47	16.5	77.8	53.4	53.5	20.6	12
13	12.0 B	35.3	49.7	11.7	8.53	16.6	8.41	18.5	74.9	52.3	51.3	20.5	13
14	13.2	23.0	41.4	11.1	9.40	16.5	9.22	14.2	77.0	50.6	50.6	20.7	14
15	12.8	22.7	32.4	9.50	10.1	16.6	9.36	16.4	78.3	31.1	50.4	20.9	15
16	10.6 B	22.8	30.9	8.04	10.9	17.2	9.48	36.9	81.8	27.8	45.9	21.1	16
17	10.8 B	29.4	30.5	7.91	10.8	18.3	9.31	36.4	85.5	37.1	36.5	21.0	17
18	11.1 B	49.1	27.4	7.86	11.0	20.3	9.44	21.7	88.6	38.4	36.8	20.6	18
19	10.3	64.5	29.0	7.71	12.7	19.6	9.58	18.1	88.5	38.1	35.7	20.7	19
20	7.95B	85.0	26.1	7.80	15.4	19.5	10.1	13.4	63.4	34.4	31.0	20.5	20
21	6.95B	120	21.5	7.88	15.7	19.6	11.2	15.0	60.6	37.7	36.4	19.6	21
22	10.5	129	20.5	6.09	12.7	26.5	11.3	15.4	64.0	37.1	38.4	17.7	22
23	11.2	125	19.3	8.16	9.88	55.6	10.3	13.7	69.5	38.5	40.3	17.6	23
24	10.7	127	15.2	8.13	9.76	63.6	9.77	11.6	77.8	39.9	43.0	17.5	24
25	10.5	128	7.67	9.95	8.19	60.7	9.78	10.5	72.5	41.0	41.1	17.4	25
26	10.3	128	5.26	9.95	7.09	45.4	9.69	10.7	72.0	41.5	38.6	17.5	26
27	9.85	124	5.66	9.51	7.16	25.3	9.45	10.8	76.2	50.6	37.5	17.5	27
28	9.86	117	7.68	9.39	8.21	20.1	8.37	10.6	73.8	73.7	37.4	17.9	28
29	9.87		8.44	9.55	9.38	17.1	7.61	9.99	65.5	84.1	37.2	18.7	29
30	9.90		9.08	9.55	9.86	15.9	7.95	9.14	66.8	89.5	35.8	19.3B	30
31	9.97		10.7		12.1		8.50	9.60		83.7		19.3	31
TOTAL	380.75	1 458.97	1 315.49	355.28	299.38	802.7	316.40	420.53	1 763.96	1 549.3	1 475.9	670.1	TOTAL
MEAN	12.3	52.1	42.4	11.8	9.66	26.8	10.2	13.6	58.8	50.0	49.2	21.6	MEAN
MAX	18.3	129	110	25.3	15.7	63.6	15.9	36.9	89.4	89.5	77.9	35.7	MAX
MIN	6.95	8.90	5.26	6.09	7.09	14.8	6.91	8.43	9.66	27.8	31.0	11.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 29.6
MAXIMUM DAILY, 129 ON FEB 22
MINIMUM DAILY, 5.26 ON MAR 26
MAXIMUM INSTANTANEOUS,
134 AT 22:42 EST ON FEB 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 57 05 N
LONG 75 49 05 W
DRAINAGE AREA, 1 920 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	32 900	JUL	27 300
FEB	126 000	AUG	36 300
MAR	114 000	SEP	152 000
APR	30 700	OCT	134 000
MAY	25 900	NOV	128 000
JUN	69 400	DEC	57 900

TOTAL DISCHARGE, 934 000 dam³

ROCHESTER CREEK ABOVE QUIRKE LAKE - STATION NO. 02CD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.487	0.276B	2.00	5.00	2.34	0.857	2.80	0.147	0.086	0.119	1.06	0.785	1
2	0.473	0.275B	2.01	6.45	2.16	0.842	2.84	0.141	0.084	0.111	1.02	0.783	2
3	0.464	0.274B	1.96	7.23	2.00	0.883	2.71	0.143	0.081	0.114	0.972	0.776	3
4	0.463	0.273B	1.86	10.6	1.90	1.02	2.43	0.138	0.084	0.114	0.934	0.783	4
5	0.445B	0.271B	1.76	13.2	1.83	1.15	2.25	0.137	0.085	0.115	0.892	0.789	5
6	0.435B	0.270B	1.68	13.5	1.75	1.44	2.03	0.145	0.087	0.105	0.891	0.794	6
7	0.425B	0.269B	1.59	12.3	1.66	1.61	1.78	0.147	0.085	0.084	0.889	0.798	7
8	0.415B	0.269B	1.51	11.4	1.54	1.79	1.57	0.146	0.100	0.081	0.891	0.838	8
9	0.405B	0.269B	1.42	10.7	1.45	1.91	1.38	0.145	0.103	0.078	0.848	0.866	9
10	0.400B	0.270B	1.38	9.97	1.36	1.94	1.18	0.148	0.098	0.077	0.846	0.858	10
11	0.393B	0.273B	1.33	9.28	1.25	1.89	1.05	0.147	0.096	0.075	0.822	0.836	11
12	0.385B	0.275B	1.26	8.44	1.20	1.79	0.934	0.142	0.100	0.076	0.804	0.793	12
13	0.380B	0.276B	1.21	7.69	1.19	1.68	0.850	0.140	0.099	0.075	0.789	0.762	13
14	0.373B	0.280B	1.16	7.27	1.21	1.59	0.758	0.142	0.090	0.078	0.759	0.744	14
15	0.365B	0.292B	1.10	6.99	1.19	1.74	0.676	0.138	0.086	0.089	0.739	0.739	15
16	0.355B	0.305B	1.09	6.83	1.16	2.53	0.609	0.133	0.080	0.108	0.718	0.742	16
17	0.345B	0.328B	1.05	6.44	1.11	2.92	0.558	0.119	0.076	0.113	0.713	0.716	17
18	0.337B	0.350B	1.01	5.96	1.05	3.14	0.509	0.109	0.080	0.293	0.733	0.702	18
19	0.328B	0.387B	0.980	5.44	1.00	3.14	0.464	0.098	0.086	0.425	0.757	0.689	19
20	0.320B	0.425B	0.948	4.86	0.948	2.82	0.421	0.088	0.095	0.645	0.784	0.666	20
21	0.313B	0.480B	0.928	4.44	0.882	2.54	0.400	0.076	0.103	0.912	0.814	0.663	21
22	0.311B	0.528	0.914	4.01	0.829	2.31	0.369	0.064	0.111	1.04	0.823	0.658	22
23	0.311B	0.831	0.903	3.78	0.789	2.36	0.337	0.058	0.114	1.15	0.826	0.639	23
24	0.308B	1.24	0.881	3.65	0.751	2.39	0.306	0.057	0.115	1.16	0.825	0.625	24
25	0.302B	1.35	0.869	3.43	0.752	2.45	0.284	0.057	0.119	1.16	0.812	0.605B	25
26	0.300B	1.53	0.899	3.27	0.788	2.56	0.258	0.059	0.122	1.16	0.796	0.598B	26
27	0.293B	1.75	0.930	3.06	0.798	2.60	0.232	0.058	0.123	1.17	0.808	0.590B	27
28	0.288B	1.89	0.984	2.83	0.831	2.46	0.221	0.061	0.123	1.16	0.810	0.580B	28
29	0.283B		1.13	2.69	0.859	2.48	0.202	0.077	0.119	1.15	0.811	0.575B	29
30	0.281B		1.86	2.53	0.875	2.63	0.183	0.092	0.123	1.12	0.794	0.568B	30
31	0.278B		2.93		0.875		0.161	0.092		1.10		0.562B	31
TOTAL	11.261	15.506	41.536	203.24	38.327	61.462	30.752	3.444	2.953	15.257	24.980	22.122	TOTAL
MEAN	0.363	0.554	1.34	6.77	1.24	2.05	0.992	0.111	0.098	0.492	0.833	0.714	MEAN
MAX	0.487	1.89	2.93	13.5	2.34	3.14	2.84	0.148	0.123	1.17	1.06	0.866	MAX
MIN	0.278	0.269	0.869	2.53	0.751	0.842	0.161	0.057	0.076	0.075	0.713	0.562	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.29
MAXIMUM DAILY, 13.5 ON APR 6
MINIMUM DAILY, 0.057 ON AUG 24
MAXIMUM INSTANTANEOUS,
14.0 AT 10:01 EST ON APR 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 30 00 N
LONG 82 31 16 W
DRAINAGE AREA, 99.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	973	JUL	2 660
FEB	1 340	AUG	298
MAR	3 590	SEP	255
APR	17 600	OCT	1 320
MAY	3 310	NOV	2 160
JUN	5 310	DEC	1 910

TOTAL DISCHARGE, 40 700 dam³

ROOT RIVER AT SAULT STE. MARIE - STATION NO. 02CA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.620B	0.420B	1.51 B	17.5 B	2.05	0.635	2.33	0.073	0.042	0.166	2.03	1.12 B	1
2	0.615B	0.420B	1.32 B	19.0 B	1.69	0.587	1.59	0.129	0.041	0.286	1.71	1.22 B	2
3	0.610B	0.418B	1.20 B	18.3	1.60	1.32	1.43	0.126	0.044	0.231	1.50	1.21 B	3
4	0.605B	0.415B	1.10 B	31.8	1.82	7.69	1.74	0.375	0.043	0.174	1.35	1.10 B	4
5	0.602B	0.413B	1.00 B	26.2	4.35	3.12	1.77	0.577	0.045	0.141	1.25	1.00 B	5
6	0.590B	0.410B	0.940B	15.3	4.76	2.10	1.15	0.366	0.044	0.455	1.70	0.940B	6
7	0.580B	0.408B	0.885B	11.6	3.29	1.52	0.860	0.283	0.044	1.08	1.87	0.960B	7
8	0.570B	0.406B	0.840B	11.3	2.58	2.25	0.686	0.448	0.171	0.776	1.64	0.910B	8
9	0.560B	0.405B	0.800B	11.5	2.16	2.67	0.555	0.402	0.217	0.557	1.44	0.870B	9
10	0.560B	0.408B	0.750B	11.0	1.91	2.55	0.427	0.338	0.282	0.432	1.29	0.810B	10
11	0.550B	0.415B	0.720B	10.1	1.69	2.06	0.362	0.399	0.238	0.347	1.22 B	0.750B	11
12	0.545B	0.420B	0.680B	10.2	1.49	2.21	0.314	0.312	0.271	0.345	1.17 B	0.710B	12
13	0.540B	0.425B	0.660B	8.32	1.38	2.26	0.322	0.219	0.207	0.240	1.13	0.700B	13
14	0.530B	0.440B	0.620B	11.9	1.24	2.68	0.271	0.167	0.161	0.292	1.12	0.705B	14
15	0.525B	0.460B	0.600B	10.2	1.07	3.24	0.227	0.177	0.113	0.854	1.10	0.730B	15
16	0.520B	0.520B	0.580B	7.35	1.01	3.61	0.187	0.158	0.106	1.07	1.08	0.690B	16
17	0.510B	0.640B	0.560B	6.76	0.898	2.66	0.206	0.121	0.096	0.847	1.05	0.665B	17
18	0.500B	0.880B	0.550B	5.79	0.700	2.16	0.228	0.116	0.080	3.49	1.09	0.640B	18
19	0.500B	1.20 B	0.540B	4.56	0.641	2.01	0.155	0.996	0.069	4.50	1.06	0.620B	19
20	0.490B	1.47 B	0.530B	3.63	0.617	1.67	0.117	0.467	0.053	2.93	0.992	0.605B	20
21	0.485B	1.64 B	0.520B	2.91	0.591	1.64	0.082	0.267	0.054	2.69	0.936	0.595B	21
22	0.480B	1.80 B	0.515B	2.47	0.563	1.66	0.058	0.165	0.051	2.17	0.890B	0.598B	22
23	0.470B	1.99 B	0.510B	2.63	0.532	1.61	0.053	0.125	0.049	1.99	0.860B	0.600B	23
24	0.465B	2.10 B	0.510B	4.28	0.520	1.46	0.052	0.104	0.046	1.77	0.830B	0.590B	24
25	0.455B	2.18 B	0.600B	4.63	0.527	1.39	0.048	0.078	0.046	1.55	0.820B	0.580B	25
26	0.450B	1.95 B	0.860B	4.04	0.596	1.16	0.048	0.053	0.049	1.48	0.860B	0.565B	26
27	0.445B	1.75 B	1.30 B	3.35	0.641	0.960	0.047	0.051	0.053	1.51	1.00	0.560B	27
28	0.440B	1.60 B	1.56 B	2.81	0.643	0.821	0.047	0.047	0.106	1.64	1.14	0.550B	28
29	0.435B		2.00 B	2.46	0.632	1.38	0.043	0.045	0.111	1.67	1.08 B	0.540B	29
30	0.430B		5.00 B	2.20	0.627	2.52	0.043	0.045	0.091	1.74	1.05 B	0.535B	30
31	0.425B		10.0 B		0.624		0.042	0.046		2.08		0.525B	31
TOTAL	16.102	26.003	39.760	284.09	43.442	63.603	15.490	7.275	3.023	39.503	36.258	23.193	TOTAL
MEAN	0.519	0.929	1.28	9.47	1.40	2.12	0.500	0.235	0.101	1.27	1.21	0.748	MEAN
MAX	0.620	2.18	10.0	31.8	4.76	7.69	2.33	0.996	0.282	4.50	2.03	1.22	MAX
MIN	0.425	0.405	0.510	2.20	0.520	0.587	0.042	0.045	0.041	0.141	0.820	0.525	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.64
MAXIMUM DAILY, 31.8 ON APR 4
MINIMUM DAILY, 0.041 ON SEP 2
MAXIMUM INSTANTANEOUS,
40.6 AT 22:14 EST ON APR 4

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 33 49 N
LONG 84 16 55 W
DRAINAGE AREA, 108 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 390	JUL	1 340
FEB	2 250	AUG	629
MAR	3 440	SEP	261
APR	24 500	OCT	3 410
MAY	3 750	NOV	3 130
JUN	5 500	DEC	2 000

TOTAL DISCHARGE, 51 600 dam³

ROSEBERRY RIVER ABOVE ROSEBERRY LAKES - STATION NO. 04CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.24	0.860	0.657	0.700	8.10	8.62	9.61	1.60 E	0.633	15.4	7.67	5.24	1
2	1.18	0.854	0.655	0.699	9.38	8.79	8.75	1.63 E	0.611	15.6	7.94	5.04	2
3	1.17	0.856	0.656	0.698	11.8	8.67	7.93	1.62 E	0.571	15.3	8.14	4.86	3
4	1.17	0.844	0.649	0.689	13.2	8.43	7.21	1.61 E	0.552	14.8	8.21	4.70	4
5	1.15	0.842	0.654	0.690	14.3	8.13	6.75	1.62 E	0.540	14.2	8.26	4.55	5
6	1.16	0.835	0.658	0.699	14.5	7.70	6.14	1.66 E	0.587	13.6	8.16	4.36	6
7	1.16	0.811	0.655	0.716	13.8	7.58	5.65	1.65 E	0.854	13.0	7.98	4.17	7
8	1.14	0.803	0.655	0.752	12.8	7.53	5.26	1.63	1.17	12.3	7.68	4.06	8
9	1.11	0.796	0.655	0.760	12.3	7.33	4.95	1.62	2.00	11.9	7.49	3.91	9
10	1.08	0.783	0.656	0.776	11.9	7.05	4.63	1.64	4.02	11.5	7.35	3.79	10
11	1.07	0.766	0.660	0.799	11.3	6.88	4.12	1.65	5.45	11.2	7.08	3.68	11
12	1.07	0.744	0.653	0.824	10.8	6.59	3.70	1.63	5.73	10.9	6.94	3.58	12
13	1.06	0.742	0.648	0.851	10.3	6.27	3.39	1.56	5.78	10.7	6.74	3.44	13
14	1.02	0.734	0.645	0.865	9.81	5.82	3.15	1.46	5.70	10.3	6.58	3.32	14
15	1.01	0.744	0.626	0.888	9.08	7.52	2.89	1.36	5.58	9.83	6.43	3.22	15
16	0.999	0.756	0.628	0.962	8.77	11.1	2.72	1.30	5.51	9.46	6.59	3.13	16
17	0.988	0.753	0.620	1.13	8.56	14.5	2.61	1.28	5.50	9.50	6.93	3.04	17
18	0.989	0.745	0.619	1.21	8.26	17.5	2.47	1.23	5.41	9.62	7.14	2.94	18
19	0.987	0.740	0.609	1.29	7.86	19.3	2.34	1.22	5.09	9.83	7.23	2.82	19
20	0.974	0.733	0.610	1.37	7.41	19.2	2.11	1.20	4.86	9.64	7.22	2.77	20
21	0.968	0.721	0.608	1.46	7.09	19.1	2.02	1.15	4.66	9.54	7.15	2.74	21
22	0.974	0.711	0.608	1.56	6.60	19.2	1.95	1.09	4.50	9.23	6.96	2.67	22
23	0.967	0.705	0.598	1.66	6.26	19.4	1.88	1.04	4.40	8.88	6.71	2.61	23
24	0.952	0.693	0.589	1.75	6.21	18.3	1.70	0.967	4.19	8.54	6.48	2.56	24
25	0.943	0.686	0.599	1.84	6.23	16.8	1.58	0.938	4.02	8.21	6.27	2.48	25
26	0.909	0.676	0.624	2.11	6.19	15.3	1.52E	0.898	4.08	7.93	6.02	2.39	26
27	0.910	0.679	0.635	2.59	6.19	13.9	1.50E	0.818	6.19	7.79	5.90	2.34	27
28	0.902	0.663	0.649	3.32	5.98	12.6	1.48E	0.746	9.94	7.46	5.77	2.26	28
29	0.892		0.671	4.50	6.35	11.3	1.48E	0.675	13.1	7.30	5.56	2.19	29
30	0.880		0.676	6.50	7.18	10.4	1.50E	0.614	14.9	7.16	5.39	2.12	30
31	0.863		0.688		8.06		1.55E	0.585		7.23		2.04	31
TOTAL	31.887	21.275	19.813	44.658	286.57	350.81	114.54	39.691	136.128	327.35	209.97	103.02	TOTAL
MEAN	1.03	0.760	0.639	1.49	9.24	11.7	3.69	1.28	4.54	10.6	7.00	3.32	MEAN
MAX	1.24	0.860	0.688	6.50	14.5	19.4	9.61	1.66	14.9	15.6	8.26	5.24	MAX
MIN	0.863	0.663	0.589	0.689	5.98	5.82	1.48	0.585	0.540	7.16	5.39	2.04	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.62
MAXIMUM DAILY, 19.4 ON JUN 23
MINIMUM DAILY, 0.540 ON SEP 5
MAXIMUM INSTANTANEOUS,
19.5 AT 11:21 EST ON JUN 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 39 20 N
LONG 92 32 15 W
DRAINAGE AREA, 619 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 760	JUL	9 900
FEB	1 840	AUG	3 430
MAR	1 710	SEP	11 800
APR	3 860	OCT	28 300
MAY	24 800	NOV	18 100
JUN	30 300	DEC	8 900

TOTAL DISCHARGE, 146 000 dam³

ROUGE RIVER NEAR MARKHAM - STATION NO. 02HC022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.420B	0.305B	2.70	2.04	0.596	0.496	0.479	0.387	0.613	0.740	1.61	1.46	1
2	0.380B	0.270B	2.09	1.72	0.518	0.451	0.392	0.319	2.67	0.739	1.44	1.76	2
3	0.340B	0.220B	1.69	1.37	0.485	0.951	0.433	0.385	4.81	0.651	1.29	1.76	3
4	0.310B	0.205B	1.69	1.26	0.460	1.18	0.403	1.13	11.4	0.595	1.20	1.44	4
5	0.295B	0.200B	1.36	1.18	0.590	0.702	0.700	2.71	20.5	0.576	1.13	1.24	5
6	0.285B	0.201B	1.27	1.01	0.701	0.536	0.657	1.03	4.97	3.47	1.38	1.07	6
7	0.272B	0.205B	1.16	0.871	0.588	0.404	0.416	0.601	2.94	3.92	1.33	2.00 B	7
8	0.265B	0.207B	1.19	0.811	0.506	0.396	0.338	0.483	1.91	2.46	1.18	1.50 B	8
9	0.255B	0.203B	1.19	0.800	0.459	0.439	0.300	0.556	1.39	1.54	1.04	1.19	9
10	0.242B	0.200B	1.22	0.743	0.669	0.687	0.254	0.594	1.09	1.21	0.964	0.906	10
11	0.232B	1.13 B	1.24	0.696	7.14	0.660	0.207	1.96	0.912	1.02	0.940	1.03	11
12	0.222B	0.780B	1.15	0.669	6.68	0.494	0.199	2.87	0.820	0.914	0.929	0.910	12
13	0.218B	0.620B	1.16	0.651	2.42	0.468	0.204	1.10	0.700	0.799	0.826	0.871	13
14	0.217B	0.550B	1.03	2.02	1.70	0.433	0.182	0.711	0.599	0.792	0.834	0.908	14
15	0.216B	0.520B	0.967	1.86	1.56	0.595	0.205	3.89	0.544	0.988	0.829	0.918	15
16	0.212B	1.00 B	0.968	1.17	1.43	1.16	0.187	3.33	0.497	0.940	1.91	0.834	16
17	0.212B	3.00 B	0.789	1.27	1.10	1.39	0.239	1.32	0.772	0.831	3.20	0.820	17
18	0.212B	7.00 B	0.743	1.26	0.864	0.682	0.483	0.767	0.596	5.00	2.21	0.779	18
19	0.212B	24.5	0.776	0.971	0.765	0.500	0.957	0.565	0.549	3.91	1.75	0.740B	19
20	0.212B	29.4	0.700	0.812	0.683	0.451	1.41	0.450	0.541	1.77	6.03	0.720B	20
21	0.212B	24.4	0.672	0.737	0.509	0.596	0.629	0.379	0.707	1.63	7.54	0.870B	21
22	0.212B	10.6	0.684	0.691	0.528	2.27	0.402	0.346	1.09	3.81	3.57	1.05 B	22
23	0.212B	9.65	0.728	0.768	0.529	1.98	0.372	0.322	0.789	7.13	2.23	1.40 B	23
24	0.212B	10.1	0.464	1.00	0.464	0.909	0.309	0.349	0.606	5.77	1.83	1.64	24
25	0.212B	6.89	0.215	0.972	0.492	0.666	0.307	0.293	0.545	2.56	1.52	1.20	25
26	0.245B	3.68	0.230	0.808	0.619	0.485	0.309	0.301	0.670	2.69	1.43	1.00	26
27	0.238B	2.47	0.241	0.707	0.617	0.405	0.313	0.309	0.703	6.34	3.57	0.947	27
28	0.220B	2.70	0.173	0.653	1.26	0.360	1.83	0.797	0.585	11.4	2.85	0.959	28
29	0.202B		0.155	0.770	0.992	0.337	1.85	0.689	0.543	3.59	1.86	0.906	29
30	0.200B		1.57	0.703	0.824	0.331	0.758	0.892	0.496	2.26	1.51	0.832	30
31	0.200B		3.01		0.648		0.540	0.828		1.91		0.864	31
TOTAL	7.594	141.206	33.225	30.993	37.636	21.414	16.264	30.663	65.557	81.555	59.932	34.520	TOTAL
MEAN	0.245	5.04	1.07	1.03	1.21	0.714	0.525	0.989	2.19	2.63	2.00	1.11	MEAN
MAX	0.420	29.4	3.01	2.04	7.14	2.27	1.85	3.89	20.5	11.4	7.54	2.00	MAX
MIN	0.200	0.200	0.155	0.651	0.459	0.331	0.182	0.293	0.496	0.576	0.826	0.720	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.54
MAXIMUM DAILY, 29.4 ON FEB 20
MINIMUM DAILY, 0.155 ON MAR 29
MAXIMUM INSTANTANEOUS,
45.1 AT 00:30 EST ON FEB 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 51 30 N
LONG 79 13 55 W
DRAINAGE AREA, 186 km²

B - ICE CONDITIONS

REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	656	JUL	1 410
FEB	12 200	AUG	2 650
MAR	2 870	SEP	5 660
APR	2 680	OCT	7 050
MAY	3 250	NOV	5 180
JUN	1 850	DEC	2 980

TOTAL DISCHARGE, 48 400 dam³

RUSCOM RIVER NEAR RUSCOM STATION - STATION NO. 02GH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.024B	0.270B	2.96	0.277	2.55	0.100	0.117	0.168	0.085	64.2	1.16	0.306	1
2	0.025B	0.210B	2.31	0.217	1.35	0.084	0.088	0.125	0.062	23.8	0.747	0.496	2
3	0.026B	0.210B	1.65 E	0.182	0.784	2.76	0.066	0.098	1.46	3.87	0.559	0.364	3
4	0.027B	0.280B	1.22 E	0.185	0.599	5.27	0.054	0.084	3.11	2.03	0.453	0.287	4
5	0.028B	0.300B	0.900E	0.176	0.497	1.90	0.055	0.067	1.84	1.08	0.404	0.291	5
6	0.028B	0.285B	0.640E	0.133	0.445	0.690	0.048	0.058	0.516	0.602	0.488	0.278	6
7	0.029B	0.275B	0.500E	0.092	0.333	0.376	0.041	0.051	0.248	0.453	0.427	0.284	7
8	0.029B	0.270B	0.520E	0.079	0.291	0.321	0.027	0.064	0.164	0.303	0.317	0.305	8
9	0.030B	0.285B	0.540E	0.097	0.270	1.36	0.025	0.072	0.116	0.247	0.256	0.200B	9
10	0.030B	0.300B	0.610E	0.097	0.521	1.01	0.069	0.049	0.077	0.221	0.201	0.143B	10
11	0.032B	1.20 B	0.700E	0.131	6.38	0.366	0.056	0.043	0.060	0.190	0.190	0.136	11
12	0.033B	1.80 B	0.770E	0.424	4.63	0.201	0.034	0.042	0.056	0.174	0.180	0.129	12
13	0.034B	2.30 B	0.696	1.39	2.28	0.198	0.203	0.036	0.053	0.153	0.162	0.131	13
14	0.036B	2.20 B	0.441	10.0	1.44	2.35	0.209	0.030	0.053	0.144	0.159	0.132	14
15	0.036B	2.00 B	0.433	4.43	4.11	8.40	0.058	0.100	0.054	0.147	0.163	0.146	15
16	0.036B	6.60 B	0.374	2.32	5.20	2.11	0.034	0.180	0.063	0.156	0.174	0.117B	16
17	0.037B	10.5 B	0.300	1.64	2.42	0.851	0.033	0.120	0.162	0.168	0.179	0.100B	17
18	0.037B	16.0 B	0.229	1.29	1.25	0.441	0.025	0.061	0.528	0.477	0.167	0.083B	18
19	0.037B	14.0 B	0.195	0.750	0.729	0.292	0.020	0.042	1.01	0.782	0.161	0.070B	19
20	0.038B	17.0 B	0.187	0.639	0.515	0.240	10.2	0.036	0.386	0.384	0.675	0.065B	20
21	0.038B	6.00 B	0.178	0.429	0.408	0.199	4.80	0.029	0.222	0.268	1.29	0.060B	21
22	0.038B	3.70 B	0.155	0.386	0.334	3.92	1.95	0.033	6.67	2.02	0.584	0.059B	22
23	0.038B	15.0 B	0.168	0.784	0.267	2.55	0.322	0.024	2.89	11.3	0.408	1.10 B	23
24	0.038B	7.64	0.176	0.982	0.244	0.712	0.142	0.018	0.880	3.74	0.334	1.80 B	24
25	0.038B	3.50	0.177	0.634	0.237	2.59	0.091	0.017	0.359	2.03	0.270	1.27 B	25
26	0.130B	2.86	0.194	0.443	0.204	0.579	0.350	0.020	0.250	1.32	0.247	0.840B	26
27	0.210B	1.77 E	0.391	0.403	0.194	0.222	0.614	0.024	0.194	6.00	0.281	0.640B	27
28	0.260B	2.64	0.404	6.59	0.195	0.145	6.05	0.033	0.147	9.97	0.214	0.520B	28
29	0.315B		0.402	19.9	0.168	0.112	4.60	0.045	0.117	3.70	0.174	0.380B	29
30	0.320B		0.439	4.72	0.154	0.097	1.09	0.127	0.318	2.47	0.157	0.280B	30
31	0.285B		0.349		0.127		0.308	0.173		1.80		0.290B	31
TOTAL	2.342	119.395	19.208	59.820	39.126	40.446	31.779	2.069	22.150	144.199	11.181	11.302	TOTAL
MEAN	0.076	4.26	0.620	1.99	1.26	1.35	1.03	0.067	0.738	4.65	0.373	0.365	MEAN
MAX	0.320	17.0	2.96	19.9	6.38	8.40	10.2	0.180	6.67	64.2	1.29	1.80	MAX
MIN	0.024	0.210	0.155	0.079	0.127	0.084	0.020	0.017	0.053	0.144	0.157	0.059	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.38
MAXIMUM DAILY, 64.2 ON OCT 1
MINIMUM DAILY, 0.017 ON AUG 25
MAXIMUM INSTANTANEOUS,
75.9 AT 13:05 EST ON OCT 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 13 54 N
LONG 82 37 00 W
DRAINAGE AREA, 125 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	202	JUL	2 750
FEB	10 300	AUG	179
MAR	1 660	SEP	1 910
APR	5 170	OCT	12 500
MAY	3 380	NOV	966
JUN	3 490	DEC	976

TOTAL DISCHARGE, 43 500 dam³

SACHIGO RIVER BELOW OUTLET OF SACHIGO LAKE - STATION NO. 04CD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.5	21.8	17.2	14.4	14.6	32.4	63.4	49.9	38.9	39.2	52.0	46.0E	1
2	28.3	21.6	17.4	14.7	15.3	33.3	64.8	51.3	41.6	41.2	52.0E	45.4E	2
3	28.2	21.4	17.2	14.5	15.3	33.6	63.6	51.4	38.3	42.5E	52.2E	44.8E	3
4	27.8	21.3	17.1	14.7	16.0	34.1	62.1	51.2	39.5	43.5E	52.2E	44.4	4
5	27.6	21.0	17.0	14.5	16.7E	32.8	61.0E	50.6	41.1	44.5E	52.3E	44.0	5
6	27.3	20.9	16.9	14.7	17.6E	34.1	60.2E	50.0	38.6	45.5E	52.4E	42.9	6
7	27.1	20.5	16.9	14.8	18.3E	35.0	59.8E	49.8	37.4	46.0E	52.5E	42.1	7
8	26.8	20.5	16.6	14.4	19.1E	34.6	59.5E	48.2	37.7	46.5E	52.5E	41.9	8
9	26.7	20.4	16.6	14.1	20.0E	35.1	61.0E	47.6	39.1	46.0E	52.5E	41.7	9
10	26.5	20.3	16.5	13.7	20.7E	36.1	63.8E	48.8	40.2	46.5E	52.3E	41.1	10
11	26.4	20.1	16.3	14.1	21.8E	36.2	63.5E	48.5	38.2	47.0E	52.1E	41.5	11
12	26.1	19.9	16.4	14.3	22.5E	37.4	63.0E	45.9	38.9	48.0	52.0E	41.1	12
13	26.1	19.7	17.2	13.4	23.3E	37.8	62.5E	49.0	38.2	49.1	52.0E	40.4	13
14	26.0	19.6	16.9	13.8	23.8E	37.8	61.8E	44.1	36.8	47.7	51.8E	39.4	14
15	25.7	19.6	16.7	13.8	23.7E	38.2	61.1E	44.8	35.5E	47.8	51.7E	39.2	15
16	26.0	19.6	16.3	13.4	23.9E	41.5	60.0	46.0	36.0E	50.5	51.5E	38.6	16
17	25.7	19.5	16.0	13.4	24.4E	44.6	58.9	44.6	38.0E	45.9	51.2E	38.4	17
18	25.3	19.5	16.2	13.5	25.0E	44.0	58.6	44.1	38.6E	44.5	50.8E	38.1	18
19	24.9	19.3	16.3	13.1	25.6E	49.0	55.9	44.4	37.2E	48.8	50.6E	38.1	19
20	24.9	19.6	16.2	13.3	26.2E	52.4	55.6	44.5	36.2E	48.5	50.5E	37.9	20
21	24.6	19.5	16.3	13.7	26.9E	54.9	55.1	44.6	37.2E	49.9	50.2E	37.2	21
22	24.4	19.0	16.3	13.6	27.3	55.4	55.2	43.7	38.2E	49.2	50.0E	36.7	22
23	24.2	18.6	16.4	13.5	27.6	58.4	54.5	43.5	37.1E	49.1	49.8E	36.2E	23
24	24.2	17.9	16.3	13.4	28.1	61.0	52.1	45.0	33.8	48.9	49.4E	35.7E	24
25	23.5	18.0	15.8	13.5	28.6	61.0	51.1	42.3	33.6	48.9	48.8E	35.2E	25
26	23.3	18.0	15.8	13.5	29.8	60.6	50.5	41.7	32.5	49.4	48.5E	34.9E	26
27	23.2	17.9	15.9	13.4	30.3	62.0	51.8	41.9	25.8	49.4	48.0E	34.7E	27
28	22.8	17.9	15.7	13.6	30.1	60.0	52.0	41.7	34.9	49.7	47.5E	34.3E	28
29	22.8		15.2	13.6	29.3	61.2	51.0	41.8	37.3	49.7	47.0E	34.0E	29
30	22.6		15.4	13.8	29.7	63.3	49.1	39.6	38.7	51.2	46.5E	33.7E	30
31	22.3		15.3		31.3		51.2	38.4		51.7		33.3E	31
TOTAL	789.8	552.9	508.3	416.2	732.8	1 357.8	1 793.7	1 418.9	1 115.1	1 466.3	1 522.8	1 212.9	TOTAL
MEAN	25.5	19.7	16.4	13.9	23.6	45.3	57.9	45.8	37.2	47.3	50.8	39.1	MEAN
MAX	28.5	21.8	17.4	14.8	31.3	63.3	64.8	51.4	41.6	51.7	52.5	46.0	MAX
MIN	22.3	17.9	15.2	13.1	14.6	32.4	49.1	38.4	25.8	39.2	46.5	33.3	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.3
MAXIMUM DAILY, 64.8 ON JUL 2
MINIMUM DAILY, 13.1 ON APR 19
MAXIMUM INSTANTANEOUS,
65.5 AT 19:30 EST ON JUN 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 59 40 N
LONG 92 08 50 W
DRAINAGE AREA, 4 270 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	68 200	JUL	155 000
FEB	47 800	AUG	123 000
MAR	43 900	SEP	96 300
APR	36 000	OCT	127 000
MAY	63 300	NOV	132 000
JUN	117 000	DEC	105 000

TOTAL DISCHARGE, 1 110 000 dam³

SALMON RIVER NEAR SHANNONVILLE - STATION NO. 02HM003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.40B	3.97	63.0	14.7	11.4	13.1	6.71	2.32	1.77	12.4	24.8	12.2	1
2	6.60B	3.99	60.8	14.7	10.3	11.8	6.97	2.21	1.79	11.6	23.6	12.1	2
3	6.20B	4.05	58.0	14.2	9.55	10.7	6.86	2.07	1.54	10.8	22.4	12.4	3
4	6.00B	4.11	54.7	13.9	9.07	10.2	6.58	1.95	2.19	10.9	21.4	12.2	4
5	5.80B	3.91	51.7	14.2	8.49	9.82	6.30	2.13	13.8	11.4	20.7	11.7	5
6	5.70B	3.82	48.4	14.2	8.27	9.77	6.41	2.06	14.0	11.4	21.8	11.1	6
7	5.60B	3.76	45.0	13.6	7.82	9.71	6.18	1.94	14.3	10.7	24.4	10.4	7
8	5.50B	3.74	42.2	12.9	7.48	9.25	5.74	1.88	33.8	9.91	24.2	10.3	8
9	5.40B	3.78	39.1	12.7	7.11	9.22	5.23	1.79	43.5	8.87	23.5	9.55	9
10	5.30B	3.70	36.2	12.6	6.80	9.30	4.68	1.64	44.7	8.38	22.9	9.05	10
11	5.20B	6.81	33.6	12.6	7.63	8.90	4.25	1.75	49.9	7.95	21.4	9.38	11
12	5.10B	14.0	31.2	12.1	10.3	8.71	3.86	1.82	43.7	7.57	20.5	9.46	12
13	5.00B	19.4	28.9	11.6	12.7	8.45	3.62	1.84	37.9	7.02	19.2	8.88	13
14	4.90B	17.5	26.4	12.0	12.9	8.31	3.42	2.07	33.0	6.68	18.2	8.60	14
15	4.80B	16.4	24.5	13.0	12.3	8.04	3.16	2.72	29.1	6.32	17.4	8.47	15
16	4.70B	16.2	22.6	12.5	11.7	7.20	2.85	3.89	25.8	6.26	16.7	8.35	16
17	4.60B	22.1	20.7	12.1	10.9	7.46	2.66	4.30	23.6	5.94	15.8	7.02	17
18	4.50B	44.0	18.9	12.8	9.91	7.85	2.92	3.99	22.3	6.44	15.7	7.16	18
19	4.45B	66.9	18.3	13.6	9.28	7.44	2.92	3.62	21.5	7.62	15.3	6.39	19
20	4.40B	91.7	17.2	13.4	8.72	7.02	2.95	3.35	20.9	7.66	15.2	5.91	20
21	4.34B	106	16.3	12.6	8.30	6.54	2.94	3.11	20.0	7.27	16.3	5.70B	21
22	4.32B	94.8	15.7	11.9	8.04	7.26	2.70	2.88	19.5	7.40	16.3	5.60B	22
23	4.31	83.2	15.3	11.3	7.69	9.29	2.51	2.68	18.6	9.07	15.1	5.70B	23
24	4.29	89.6	15.0	12.1	7.42	10.2	2.35	2.49	17.5	10.5	14.0	5.80B	24
25	4.19	81.5	14.8	13.6	7.28	9.49	2.23	2.30	16.5	10.6	13.1	5.70B	25
26	4.19	74.4	14.1	13.7	6.98	8.59	2.16	2.02	15.7	11.2	12.4	5.50B	26
27	4.30	67.8	14.0	13.2	6.79	8.31	2.10	1.92	15.4	18.2	12.8	5.30B	27
28	4.38	65.0	14.0	12.6	8.73	7.76	2.12	1.84	15.2	31.9	13.6	5.20B	28
29	4.34		13.6	12.2	12.4	7.08	2.33	1.72	14.8	30.7	13.4	5.10B	29
30	4.35		13.8	11.9	14.0	6.62	2.46	1.65	13.5	28.7	12.8	5.10B	30
31	4.12		14.7		14.0		2.44	1.73		26.8		5.20B	31
TOTAL	154.28	1 016.14	902.7	388.5	294.26	263.39	120.61	73.68	645.79	368.16	544.9	250.52	TOTAL
MEAN	4.98	36.3	29.1	13.0	9.49	8.78	3.89	2.38	21.5	11.9	18.2	8.08	MEAN
MAX	7.40	106	63.0	14.7	14.0	13.1	6.97	4.30	49.9	31.9	24.8	12.4	MAX
MIN	4.12	3.70	13.6	11.3	6.79	6.54	2.10	1.64	1.54	5.94	12.4	5.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.8
MAXIMUM DAILY, 106 ON FEB 21
MINIMUM DAILY, 1.54 ON SEP 3
MAXIMUM INSTANTANEOUS,
113 AT 01:30 EST ON FEB 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 12 28 N
LONG 77 12 35 W
DRAINAGE AREA, 891 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 300	JUL	10 400
FEB	87 800	AUG	6 370
MAR	78 000	SEP	55 800
APR	33 600	OCT	31 800
MAY	25 400	NOV	47 100
JUN	22 800	DEC	21 600

TOTAL DISCHARGE, 434 000 dam³

SALVESEN LAKE NEAR OUTLET - STATION NO. 05QE011

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.390	0.366	0.339	0.337	0.399	0.388	0.905	0.635	0.485	0.529	0.552	0.493	1
2	0.382	0.358	0.337	0.343	0.401	0.387	0.916	0.626	0.483	0.531	0.553	0.491	2
3	0.374	0.356	0.335	0.349	0.399	0.387	0.928	0.619	0.476	0.534	0.551	0.489	3
4	0.372	0.358	0.334	0.349	0.398	0.388	0.942	0.609	0.473	0.539	0.551	0.487	4
5	0.378	0.361	0.334	0.351	0.393	0.395	0.954	0.604	0.470	0.538	0.546	0.484	5
6	0.381	0.362	0.335	0.352	0.392	0.401	0.960	0.608	0.507	0.537	0.545	0.481	6
7	0.374	0.361	0.335	0.353	0.390	0.405	0.962	0.606	0.541	0.538	0.544	0.478	7
8	0.371	0.357	0.339	0.352	0.387	0.409	0.953	0.601	0.548	0.537	0.537	0.473	8
9	0.372	0.353	0.338	0.353	0.374	0.410	0.944	0.584	0.552	0.536	0.532	0.467	9
10	0.368	0.346	0.336	0.352	0.372	0.409	0.939	0.576	0.551	0.545	0.529	0.461	10
11	0.368	0.340	0.334	0.349	0.372	0.410	0.928	0.569	0.543	0.549	0.528	0.464	11
12	0.374	0.336	0.334	0.350	0.371	0.414	0.916	0.563	0.542	0.553	0.529	0.463	12
13	0.375	0.341	0.328	0.350	0.369	0.415	0.905	0.553	0.537	0.552	0.528	0.462	13
14	0.378	0.346	0.331	0.343	0.367	0.428	0.889	0.548	0.529	0.550	0.528	0.459	14
15	0.376	0.352	0.330	0.349	0.364	0.546	0.869	0.537	0.526	0.554	0.528	0.454	15
16	0.373	0.356	0.326	0.351	0.355	0.614	0.854	0.529	0.523	0.554	0.525	0.449	16
17	0.376	0.356	0.322	0.349	0.351	0.636	0.845	0.528	0.523	0.560	0.527	0.445	17
18	0.375	0.355	0.320	0.346	0.350	0.629	0.833	0.526	0.524	0.554	0.522	0.441	18
19	0.373	0.357	0.321	0.347	0.347	0.636	0.817	0.522	0.523	0.557	0.516	0.440	19
20	0.373	0.355	0.321	0.344	0.347	0.638	0.798	0.520	0.521	0.557	0.511	0.443	20
21	0.371	0.357	0.321	0.348	0.348	0.646	0.781	0.518	0.519	0.551	0.504	0.447	21
22	0.374	0.356	0.322	0.359	0.343	0.647	0.763	0.514	0.516	0.548	0.499	0.444	22
23	0.374	0.354	0.320	0.372	0.362	0.653	0.749	0.513	0.514	0.545	0.495	0.443	23
24	0.375	0.349	0.320	0.381	0.365	0.701	0.732	0.509	0.517	0.546	0.494	0.438	24
25	0.374	0.345	0.322	0.387	0.377	0.777	0.717	0.506	0.518	0.545	0.495	0.436	25
26	0.378	0.344	0.325	0.397	0.383	0.826	0.701	0.505	0.522	0.543	0.495	0.426	26
27	0.367	0.343	0.326	0.401	0.391	0.846	0.693	0.503	0.522	0.545	0.495	0.426	27
28	0.367	0.343	0.330	0.403	0.392	0.862	0.678	0.495	0.524	0.545	0.501	0.425	28
29	0.362		0.331	0.405	0.390	0.878	0.665	0.493	0.526	0.546	0.496	0.421	29
30	0.359		0.333	0.404	0.386	0.894	0.655	0.491	0.524	0.550	0.495	0.416	30
31	0.367		0.335		0.387		0.645	0.490		0.550		0.408	31
MEAN	0.373	0.352	0.329	0.361	0.375	0.569	0.833	0.548	0.519	0.546	0.522	0.453	MEAN
MAX	0.390	0.366	0.339	0.405	0.401	0.894	0.962	0.635	0.552	0.560	0.553	0.493	MAX
MIN	0.359	0.336	0.320	0.337	0.343	0.387	0.645	0.490	0.470	0.529	0.494	0.408	MIN

WATER LEVELS IN METRES

MEAN, 0.483
MAXIMUM DAILY, 0.962 ON JUL 7
MINIMUM DAILY, 0.320 ON MAR 18
MAXIMUM INSTANTANEOUS,
0.964 AT 00:25 CST ON JUL 8

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 21 18 N
LONG 94 26 33 W

SANDY LAKE AT SANDY LAKE - STATION NO. 04CA001

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.644	28.585	28.524	28.474	28.502	28.892	29.235E	29.024E	28.843	28.822	28.932	28.924E	1
2	28.634	28.575	28.524	28.484	28.512	28.892	29.239E	29.013	28.853	28.822	28.922	28.922E	2
3	28.634	28.555	28.514	28.484	28.512	28.912	29.241E	29.033	28.843	28.812	28.922	28.920E	3
4	28.624	28.555	28.514	28.493	28.502	28.922	29.242E	29.013	28.833	28.822	28.932	28.918E	4
5	28.614	28.545	28.524	28.493	28.512	28.932	29.243E	28.993	28.842	28.812	28.952	28.915E	5
6	28.625	28.555	28.514	28.503	28.492	28.942	29.242E	28.973	28.842	28.812	28.962	28.912E	6
7	28.625	28.545	28.504	28.503	28.482	28.952	29.242E	28.983	28.832	28.822	28.952	28.910E	7
8	28.615	28.545	28.514	28.493	28.492	28.862	29.239E	28.923	28.832	28.832	28.952	28.907E	8
9	28.625	28.555	28.524	28.493	28.492	28.972	29.233E	28.953	28.822	28.842	28.942	28.903E	9
10	28.625	28.545	28.524	28.503	28.502	28.982	29.229E	28.953	28.802	28.842	28.942	28.901E	10
11	28.615	28.545	28.514	28.493	28.521	28.992	29.224E	28.973	28.802	28.852	28.932	28.899E	11
12	28.615	28.535	28.504	28.483	28.541	29.012	29.218E	28.963	28.792	28.842	28.952	28.897E	12
13	28.605	28.535	28.514	28.483	28.641	29.012	29.213E	28.953	28.782	28.852	28.962	28.894E	13
14	28.605	28.545	28.504	28.473	28.651	29.032	29.204	28.933	28.772	28.852	28.972	28.892E	14
15	28.605	28.535	28.494	28.473	28.671	29.042	29.197E	28.913	28.782	28.862	28.962	28.888E	15
16	28.608	28.545	28.484	28.483	28.681	29.052	29.187E	28.893	28.772	28.872	28.952	28.885E	16
17	28.615	28.535	28.484	28.483	28.701	29.073	29.175E	28.893	28.762	28.882	28.952	28.882E	17
18	28.615	28.535	28.494	28.493	28.721	29.093	29.163E	28.903	28.772	28.882	28.950E	28.779E	18
19	28.605	28.525	28.494	28.493	28.731	29.123	29.153E	28.893	28.772	28.872	28.950E	28.775E	19
20	28.615	28.534	28.504	28.503	28.761	29.143	29.143E	28.883	28.752	28.882	28.948E	28.772E	20
21	28.615	28.524	28.494	28.503	28.781	29.153	29.134E	28.873	28.752	28.862	28.946E	28.770E	21
22	28.605	28.524	28.494	28.503	28.811	29.165E	29.124E	28.853	28.737	28.872	28.944E	28.767E	22
23	28.605	28.514	28.484	28.492	28.841	29.175E	29.114E	28.843	28.732	28.892	28.942E	28.763E	23
24	28.595	28.514	28.484	28.492	28.851	29.185E	29.104E	28.853	28.732	28.912	28.940E	28.760E	24
25	28.605	28.524	28.485	28.482	28.841	29.195E	29.095E	28.843	28.722	28.942	28.938E	28.756E	25
26	28.615	28.534	28.484	28.472	28.841	29.203E	29.085E	28.843	28.732	28.952	28.936E	28.852	26
27	28.595	28.534	28.474	28.482	28.851	29.212E	29.078E	28.833	28.742	28.962	28.934E	28.852	27
28	28.595	28.524	28.484	28.482	28.841	29.220E	29.063E	28.833	28.772	28.962	28.932E	28.842	28
29	28.585		28.474	28.502	28.861	29.227E	29.052E	28.833	28.792	28.952	28.930E	28.842	29
30	28.585		28.484	28.502	28.872	29.231E	29.044E	28.833	28.812	28.952	28.927E	28.832	30
31	28.595		28.484		28.882		29.034E	28.843		28.942		28.832	31
MEAN	28.612	28.540	28.500	28.490	28.674	29.060	29.167	28.914	28.788	28.874	28.944	28.857	MEAN
MAX	28.644	28.585	28.524	28.503	28.882	29.231	29.243	29.033	28.853	28.962	28.972	28.924	MAX
MIN	28.585	28.514	28.474	28.472	28.482	28.862	29.034	28.833	28.722	28.812	28.922	28.756	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 28.787
MAXIMUM DAILY, 29.243E ON JUL 5
MINIMUM DAILY, 28.472 ON APR 26

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 03 03 N
LONG 93 20 15 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SAUBLE RIVER AT SAUBLE FALLS - STATION NO. 02FA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.8	11.6	71.5	29.6	11.8	5.99	8.29	1.92	2.94	5.84	6.60	17.5	1
2	13.4	11.8	62.7	26.7	11.4	5.72	7.69	1.80	5.28	6.66	6.40	25.3	2
3	12.9	11.0	51.5	24.0	10.6	5.62	6.67	1.79	7.10	6.85	6.20	31.6	3
4	12.7 B	10.9	46.4	22.2	10.1	5.59	6.01	1.78	7.85	6.38	6.03	26.2	4
5	12.4 B	11.0	43.7	21.6	9.87	5.43	5.72	1.82	10.8	6.18	5.95	23.3	5
6	12.2 B	11.1	39.4	20.2	9.87	5.19	5.52	1.80	9.94	6.62	6.24	21.1	6
7	11.9 B	10.8	36.8	18.8	9.69	4.89	5.08	1.80	8.52	7.87	6.35	19.7	7
8	11.7 B	10.5	34.8	17.5	8.02	4.55	4.61	2.01	7.46	10.1	6.43	19.6	8
9	11.4 B	10.3	34.2	27.1	6.15	4.58	4.27	2.05	6.41	9.91	6.48	18.5	9
10	11.3	10.1	34.1	28.8	6.39	4.99	3.93	1.82	5.67	8.98	6.26	17.5	10
11	11.0 B	11.8	32.6	24.7	15.0	5.91	3.66	1.76	5.05	8.14	6.23	17.3	11
12	10.8 B	13.2	30.5	24.4	39.4	6.57	3.47	1.73	4.46	7.25	6.12	16.8	12
13	10.6 B	14.3	29.5	21.8	31.8	6.30	3.25	1.71	3.90	6.72	6.08	16.0	13
14	11.5	14.8	27.2	20.7	22.0	5.86	3.04	1.70	3.51	6.13	5.99	15.4	14
15	10.7	15.3	25.4	22.8	17.4	5.62	2.85	2.10	3.14	6.07	5.91	15.2	15
16	10.5	16.3	24.0	20.7	15.6	5.56	2.62	2.11	4.10	6.50	5.97	14.9	16
17	10.4	20.9	22.7	19.5	14.3	5.30	2.57	1.96	5.39	6.37	6.47	14.1	17
18	10.3	31.0	20.6	19.9	12.8	4.95	2.48	1.95	5.22	6.77	6.61	13.7	18
19	10.1	55.8	19.6	19.9	11.1	4.68	2.39	1.87	5.19	8.89	6.66	13.1	19
20	9.98	80.2	18.9	18.2	10.2	4.45	2.32	1.73	5.11	11.3	7.43	12.3	20
21	9.79	98.2	18.5	16.9	9.75	4.33	2.34	1.64	4.98	10.8	9.28	12.1	21
22	9.75	103	18.7	15.6	9.09	4.98	2.26	1.57	4.99	9.91	10.6	12.0	22
23	9.72	116	21.1	15.0	7.92	5.57	2.11	1.63	4.94	9.55	10.9	11.8	23
24	9.72	142	24.0	14.9	7.50	5.64	2.02	1.59	4.86	9.54	10.5	11.6	24
25	9.69	142	24.4	14.5	7.51	5.39	1.90	1.52	4.97	9.41	10.0	11.4	25
26	10.1	112	24.4	13.9	7.25	4.89	1.86	1.48	5.01	8.95	9.78	11.3	26
27	10.8	80.5	24.3	13.3	7.10	4.47	1.81	1.40	6.80	8.48	21.8	11.2	27
28	11.3	70.3	24.8	12.6	7.06	4.02	1.83	1.45	6.21	8.18	28.1	11.0	28
29	11.7		26.4	12.6	6.90	3.84	1.98	1.99	6.00	7.72	21.7	10.9	29
30	11.6		30.0	12.4	6.70	7.78	1.94	2.23	5.84	7.39	19.0	10.8	30
31	11.6		32.7		6.39		1.98	2.30		7.02		10.6	31
TOTAL	345.35	1 246.7	975.4	590.8	366.66	158.66	108.47	56.01	171.64	246.48	278.07	493.8	TOTAL
MEAN	11.1	44.5	31.5	19.7	11.8	5.29	3.50	1.81	5.72	7.95	9.27	15.9	MEAN
MAX	13.8	142	71.5	29.6	39.4	7.78	8.29	2.30	10.8	11.3	28.1	31.6	MAX
MIN	9.69	10.1	18.5	12.4	6.15	3.84	1.81	1.40	2.94	5.84	5.91	10.6	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.8
MAXIMUM DAILY, 142 ON FEB 24
MINIMUM DAILY, 1.40 ON AUG 27
MAXIMUM INSTANTANEOUS,
148 AT 16:59 EST ON FEB 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 40 10 N
LONG 81 15 10 W
DRAINAGE AREA, 927 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	29 800	JUL	9 370
FEB	108 000	AUG	4 840
MAR	84 300	SEP	14 800
APR	51 000	OCT	21 300
MAY	31 700	NOV	24 000
JUN	13 700	DEC	42 700

TOTAL DISCHARGE, 436 000 dam³

SAUGEEN RIVER ABOVE DURHAM - STATION NO. 02FC016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.26B	1.61B	13.2	28.4	2.65	2.35	1.13	0.549	6.62	1.65	3.63	5.36	1
2	2.21B	1.64B	10.8	19.3	2.37	1.89	1.03	0.529	5.91	2.19	3.17	7.50	2
3	2.14B	1.60B	7.64	13.2	2.18	1.64	1.10	0.556	5.09	3.24	2.85	7.92	3
4	2.09B	1.53B	5.68B	10.3	2.06	1.91	1.17	0.565	6.83	3.89	2.62	7.11	4
5	2.02B	1.51B	5.28B	9.24	1.95	2.07	1.33	0.569	9.06	3.22	2.48	5.94	5
6	1.98B	1.50B	5.01B	7.74	1.99	1.97	1.22	0.617	7.95	3.91	2.85	4.22B	6
7	1.94B	1.49B	4.90B	6.32	1.95	1.61	1.13	0.531	5.86	8.24	3.93	2.73B	7
8	1.88B	1.48B	4.65B	5.29	1.77	1.39	1.00	0.504	4.31	10.5	4.04	2.55B	8
9	1.82B	1.46B	4.44B	5.09	1.64	1.38	0.843	0.795	3.32	8.99	3.80	2.35B	9
10	1.77B	1.45B	4.80	4.86	2.13	1.95	0.739	0.860	2.78	6.75	3.47	2.29B	10
11	1.71B	1.83B	4.70	4.69	9.92	3.32	0.661	0.673	2.40	4.96	3.05	2.24B	11
12	1.66B	2.45B	4.16	4.56	18.0	3.64	0.645	0.594	2.10	3.89	2.78	2.21B	12
13	1.62B	2.84B	4.45	4.07	14.0	2.70	0.587	0.533	1.78	3.09	2.63	2.18B	13
14	1.59B	3.22B	3.85	5.20	8.72	2.29	0.551	0.511	1.56	2.69	2.49	2.14B	14
15	1.56B	3.91B	3.58B	7.14	6.96	2.37	0.509	0.972	1.35	2.50	2.36	2.10B	15
16	1.52B	4.46B	3.49B	6.33	7.31	2.26	0.497	1.00	1.21	2.41	2.39	2.06B	16
17	1.49B	4.94B	3.33B	5.59	6.46	2.24	0.461	0.807	1.13	2.31	3.93	2.02B	17
18	1.46B	7.13B	3.20B	5.39	5.00	2.03	0.451	0.726	0.991	3.28	6.15	1.99B	18
19	1.44B	15.6 B	3.14B	4.92	3.78	1.66	0.442	0.678	0.967	6.36	5.91	1.98B	19
20	1.42B	24.8 B	3.07B	4.34	3.00	1.34	0.458	0.540	0.937	7.80	6.13	1.95B	20
21	1.40B	37.5 B	3.00B	3.70	2.62	1.26	0.474	0.468	0.975	7.23	7.29	2.02B	21
22	1.39B	92.6	2.99	3.34	2.32	1.96	0.451	0.452	1.03	5.95	6.93	2.09B	22
23	1.38B	76.4	3.12	3.16	2.11	3.15	0.417	0.455	1.11	5.57	5.67	2.09B	23
24	1.36B	76.2	4.06	3.26	1.84	3.65	0.406	0.427	1.19	6.46	5.03	2.08B	24
25	1.35B	44.8	5.54	3.39	1.81	2.85	0.396	0.416	1.11	6.69	3.93	2.05B	25
26	1.41B	23.5	7.20	3.17	1.72	2.17	0.395	0.390	1.16	6.28	4.12	2.01B	26
27	1.49B	16.8	7.88	2.88	1.65	1.72	0.392	0.417	1.46	6.23	7.93	1.99B	27
28	1.56B	15.1	8.86	2.77	1.69	1.47	0.862	2.14	2.07	5.94	14.4	1.97B	28
29	1.58B		11.3	2.93	1.66	1.30	0.976	4.04	2.12	5.52	12.7	1.95B	29
30	1.69B		18.5	2.87	1.98	1.19	0.718	9.06	1.77	4.98	8.48	1.92B	30
31	1.67B		30.7		2.45		0.588	8.77		4.17		1.89B	31
TOTAL	51.86	469.35	206.52	193.44	125.69	62.73	22.029	40.144	86.150	156.89	147.14	90.90	TOTAL
MEAN	1.67	16.8	6.66	6.45	4.05	2.09	0.711	1.29	2.87	5.06	4.90	2.93	MEAN
MAX	2.26	92.6	30.7	28.4	18.0	3.65	1.33	9.06	9.06	10.5	14.4	7.92	MAX
MIN	1.35	1.45	2.99	2.77	1.64	1.19	0.392	0.390	0.937	1.65	2.36	1.89	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.53
MAXIMUM DAILY, 92.6 ON FEB 22
MINIMUM DAILY, 0.390 ON AUG 26
MAXIMUM INSTANTANEOUS,
97.7 AT 08:25 EST ON FEB 22

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 11 08 N
LONG 80 47 13 W
DRAINAGE AREA, 329 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 480	JUL	1 900
FEB	40 600	AUG	3 470
MAR	17 800	SEP	7 440
APR	16 700	OCT	13 600
MAY	10 900	NOV	12 700
JUN	5 420	DEC	7 850

TOTAL DISCHARGE, 143 000 dam³

SAUGEEN RIVER NEAR PORT ELGIN - STATION NO. 02FC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	38.8B	29.4B	254	194	47.3	33.3	23.4	16.9	63.5	26.7	41.3	89.4	1
2	38.2B	32.1B	213	176	44.1	31.3	22.0	14.7	79.8	29.2	39.0	174	2
3	37.5B	31.3B	173	139	39.7	29.1	21.3	14.5	74.5	35.1	36.3	136	3
4	36.9B	30.4B	142 B	115	38.8	30.0	20.8	14.6	81.6	37.3	33.9	112	4
5	36.2B	29.9B	124 B	100	38.0	33.6	28.7	15.5	106	36.1	31.9	94.3	5
6	35.3B	29.3B	116 B	88.1	36.7	33.0	34.8	17.0	98.5	36.6	31.9	80.4	6
7	34.8B	28.9B	107	78.1	35.9	30.4	33.6	15.5	83.2	58.2	35.3	70.3	7
8	34.3B	28.7B	97.8	70.4	34.4	27.7	27.0	14.5	67.7	73.5	37.4	62.6B	8
9	33.9B	28.4B	98.7	82.9	32.4	26.4	22.3	19.8	56.7	76.6	37.8	53.4B	9
10	33.5B	28.2B	102	84.6	34.1	27.7	19.4	17.6	50.8	70.7	36.3	45.0B	10
11	33.1B	38.1B	96.5	76.0	130	32.2	18.2	15.9	43.0	56.4	34.4	41.8B	11
12	32.7B	47.2B	89.9	72.0	195	36.6	17.0	14.9	36.6	46.6	32.9	41.2B	12
13	32.2B	64.9B	91.3	66.0	161	35.8	16.4	14.2	31.8	38.9	31.3	39.8B	13
14	31.9B	71.2B	83.3	73.3	128	33.3	15.5	13.4	28.3	33.7	29.8	38.6B	14
15	31.6B	73.4B	76.2	94.2	101	31.4	14.4	14.9	24.7	31.6	29.3	37.9B	15
16	31.2B	75.8B	69.8B	89.4	88.0	31.5	13.7	18.4	22.7	30.3	28.8	37.3B	16
17	30.8B	87.8B	63.4B	81.7	81.0	30.9	13.3	21.0	20.7	29.1	29.4	36.8B	17
18	30.4B	144 B	59.0B	85.2	71.9	29.3	12.7	19.1	19.4	32.5	30.8	35.7B	18
19	30.1B	252 B	57.2B	76.7	62.2	26.9	12.5	16.7	18.5	57.4	34.0	35.2B	19
20	29.9B	366 B	55.8B	68.9	54.3	24.5	12.5	15.0	18.4	75.1	41.0	34.4B	20
21	29.7B	448 B	57.0	62.5	47.3	23.1	12.8	13.8	18.4	71.4	71.2	34.0B	21
22	29.4B	467 B	58.0	57.1	43.0	24.2	12.6	12.5	18.9	64.5	84.9	35.6B	22
23	29.2B	742	70.2	53.3	39.0	32.3	12.1	11.8	19.4	59.7	77.4	37.2B	23
24	28.9B	697	86.8	52.2	36.7	38.9	11.6	11.7	19.3	59.2	65.4	36.3B	24
25	28.8B	542	92.5	51.9	35.4	36.4	11.6	11.9	19.2	60.7	56.5	35.2B	25
26	29.2B	403	94.9	50.8	34.4	32.4	10.5	11.6	20.0	59.0	48.6	34.3B	26
27	30.3B	279	99.2	48.6	33.3	28.4	11.0	11.2	22.6	54.6	109	34.1B	27
28	31.9B	264	108	46.7	32.6	24.9	13.4	13.3	27.0	52.5	121	33.5B	28
29	33.7B		121	46.8	32.4	22.4	19.0	27.1	31.5	52.3	120	33.0B	29
30	33.2B		141	48.6	32.0	23.6	22.7	40.1	29.5	49.3	105	32.4B	30
31	30.4B		175		32.7		20.2	63.7		43.5		31.8B	31
TOTAL	1 008.0	5 359.0	3 273.5	2 430.0	1 852.6	901.5	557.0	552.8	1 252.2	1 538.3	1 541.8	1 673.5	TOTAL
MEAN	32.5	191	106	81.0	59.8	30.1	18.0	17.8	41.7	49.6	51.4	54.0	MEAN
MAX	38.8	742	254	194	195	38.9	34.8	63.7	106	76.6	121	174	MAX
MIN	28.8	28.2	55.8	46.7	32.0	22.4	10.5	11.2	18.4	26.7	28.8	31.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 60.1
MAXIMUM DAILY, 742 ON FEB 23
MINIMUM DAILY, 10.5 ON JUL 26
MAXIMUM INSTANTANEOUS,
912 AT 22:00 EST ON FEB 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 27 23 N
LONG 81 19 36 W
DRAINAGE AREA, 3 960 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	87 100	JUL	48 100
FEB	463 000	AUG	47 800
MAR	283 000	SEP	108 000
APR	210 000	OCT	133 000
MAY	160 000	NOV	133 000
JUN	77 900	DEC	145 000

TOTAL DISCHARGE, 1 900 000 dam³

SAUGEEN RIVER NEAR WALKERTON - STATION NO. 02FC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.8B	13.3B	98.4	127	24.7	18.5	12.2	9.46	43.8	16.4	25.8	43.3	1
2	18.2B	13.9B	83.2	96.8	20.8	17.1	12.1	9.04	41.7	18.8	24.1	52.5	2
3	17.8B	13.5B	59.4B	71.6	21.7	16.7	11.9	9.28	36.2	20.6	22.2	59.4	3
4	17.4B	13.0B	53.7B	58.0	21.8	21.4	12.6	10.0	45.1	22.0	20.5	53.4	4
5	16.9B	12.6B	50.3B	51.8	20.6	21.4	17.0	10.7	58.2	21.0	19.5	44.0	5
6	16.6B	12.4B	47.0B	46.0	20.3	19.3	19.5	9.89	52.3	23.1	20.2	37.0	6
7	16.1B	12.3B	44.5	40.3	19.6	17.3	16.4	9.15	41.8	41.3	22.0	32.3	7
8	15.7B	12.0B	43.2	35.5	18.6	16.5	13.6	9.20	33.0	59.6	22.7	29.8B	8
9	15.3B	11.8B	42.8	35.3	17.7	16.3	12.1	9.96	28.0	54.8	22.2	24.7B	9
10	15.0B	11.7B	42.2	35.5	20.5	17.1	11.2	9.61	23.7	43.0	21.2	21.0B	10
11	14.7B	17.1B	41.3	34.1	48.7	23.2	10.5	9.43	20.5	33.0	20.5	20.4B	11
12	14.4B	21.6B	39.4	33.6	86.4	23.0	10.1	9.36	17.9	27.1	19.2	19.8B	12
13	14.1B	23.6B	38.9	31.7	81.0	21.3	9.83	8.97	16.4	23.1	18.1	19.6B	13
14	13.6B	30.7B	35.6	37.7	58.5	19.5	9.45	8.78	15.0	21.4	17.6	19.2B	14
15	13.4B	33.0B	33.4B	50.3	46.3	19.5	9.07	10.7	13.6	19.8	17.2	18.7B	15
16	13.1B	33.4B	30.9B	47.7	44.1	19.1	8.88	13.1	12.3	19.7	17.5	18.3B	16
17	12.8B	44.5B	28.7B	42.0	41.5	18.1	8.77	12.2	11.7	18.5	18.8	17.8B	17
18	12.5B	68.1B	26.6B	39.9	35.8	16.8	8.60	10.7	11.3	24.5	22.0	17.6B	18
19	12.4B	122 B	25.4B	37.4	30.8	15.3	8.56	9.74	11.1	41.7	25.4	17.4B	19
20	12.2B	184 B	24.3B	34.4	26.2	14.0	8.72	9.04	11.2	48.5	34.4	17.2B	20
21	11.9B	252 B	26.8	31.4	23.4	14.0	8.70	8.57	11.8	44.0	52.5	16.9B	21
22	11.8B	266 B	29.7	28.5	21.6	17.1	8.36	8.22	12.2	39.1	50.4	17.4B	22
23	11.6B	312	32.3	27.4	20.1	25.1	8.24	8.39	12.2	37.8	41.8	18.3B	23
24	11.5B	349	35.4	27.4	19.0	24.4	7.94	8.21	12.0	40.6	35.3	17.8B	24
25	11.4B	265	38.7	26.8	18.4	21.9	7.83	8.27	11.8	41.3	28.9	17.4B	25
26	11.8B	162	43.1	26.6	18.1	18.8	7.94	8.00	12.6	37.8	26.7	17.0B	26
27	12.7B	113	47.3	25.5	17.4	16.2	8.37	7.86	14.8	35.7	42.7	16.8B	27
28	13.3B	103	50.9	24.9	18.1	14.4	10.7	12.7	19.6	35.5	73.7	16.5B	28
29	13.6B		56.2	26.2	17.7	13.1	14.8	24.5	19.8	34.4	71.1	16.3B	29
30	13.4B		72.1	26.2	18.4	12.7	12.8	41.3	17.0	31.6	55.1	16.2B	30
31	13.1B		115		19.7		10.7	50.6		28.3		16.1B	31
TOTAL	437.1	2 526.5	1 436.7	1 257.5	917.5	549.1	337.46	384.93	688.6	1 004.0	909.3	770.1	TOTAL
MEAN	14.1	90.2	46.3	41.9	29.6	18.3	10.9	12.4	23.0	32.4	30.3	24.8	MEAN
MAX	18.8	349	115	127	86.4	25.1	19.5	50.6	58.2	59.6	73.7	59.4	MAX
MIN	11.4	11.7	24.3	24.9	17.4	12.7	7.83	7.86	11.1	16.4	17.2	16.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.7
MAXIMUM DAILY, 349 ON FEB 24
MINIMUM DAILY, 7.83 ON JUL 25
MAXIMUM INSTANTANEOUS,
358 AT 08:51 EST ON FEB 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 07 13 N
LONG 81 06 55 W
DRAINAGE AREA, 2 150 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	37 800	JUL	29 200
FEB	218 000	AUG	33 300
MAR	124 000	SEP	59 500
APR	109 000	OCT	86 700
MAY	79 300	NOV	78 600
JUN	47 400	DEC	66 500

TOTAL DISCHARGE, 969 000 dam³

SAWMILL CREEK AT OTTAWA - STATION NO. 02LA013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.238	0.499	0.103	0.134	0.173	0.352	0.259	1
2	---	---	---	---	---	0.198	0.480	0.112	0.152	0.192	0.368	0.283	2
3	---	---	---	---	---	0.190	0.489	0.193	0.129	0.183	0.333	0.274	3
4	---	---	---	---	---	0.249	0.592	0.152	0.185	0.153E	0.310	0.273	4
5	---	---	---	---	---	0.186	0.560	5.03	0.187	0.134E	0.281	0.264	5
6	---	---	---	---	---	0.569	0.540	0.644	0.128	0.472E	0.734	0.255B	6
7	---	---	---	---	---	0.204	0.380	0.270	0.143	0.381	0.594	0.248B	7
8	---	---	---	---	0.114	0.210	0.226	0.191	1.87	0.267	0.440E	0.241B	8
9	---	---	---	---	0.114	0.306	0.410	0.184	0.655	0.229	0.400E	0.230B	9
10	---	---	---	---	0.120	0.176	0.145	0.173	1.86	0.209	0.350E	0.225B	10
11	---	---	---	---	1.05	0.156	0.122	0.259	0.717	0.196	0.320E	0.220B	11
12	---	---	---	---	0.903	0.355	0.120	0.164	0.707	0.184	0.290E	0.210B	12
13	---	---	---	---	0.470	0.181	0.220	0.142	0.322	0.179	0.400E	0.195B	13
14	---	---	---	---	0.280	0.181	0.155	0.139	0.230	0.175	0.300E	0.170B	14
15	---	---	---	---	0.537	1.02	0.135	0.912	0.194	0.186	0.275E	0.153B	15
16	---	---	---	---	1.72	1.68	0.115	0.359	0.167	0.216	0.390E	0.140B	16
17	---	---	---	---	0.602	1.63	0.112	0.229	0.177	0.186	0.630E	0.130B	17
18	---	---	---	---	0.320	0.631	0.552	0.163	0.161	0.433	0.950E	0.121B	18
19	---	---	---	---	0.254	0.449	0.137	0.152	0.182	0.219	1.15 E	0.110B	19
20	---	---	---	---	0.212	0.407	0.134	0.141	0.175	0.199	0.660E	0.103B	20
21	---	---	---	---	0.186	0.387	0.135	0.137	0.150	0.200	1.48 E	0.100B	21
22	---	---	---	---	0.169	3.19	0.121	0.138	0.149	0.362	0.800E	0.098B	22
23	---	---	---	---	0.156	1.50	0.117	0.173	0.874	1.13	0.550E	0.097B	23
24	---	---	---	---	0.149	0.614	0.111	0.214	0.450	0.500	0.328E	0.096B	24
25	---	---	---	---	0.165	0.701	0.109	0.130	0.273	0.334	0.290	0.096B	25
26	---	---	---	---	0.616	0.506	0.125	0.127	0.291	0.940	0.271	0.095B	26
27	---	---	---	---	0.311	0.439	0.118	0.125	0.549	2.53	0.594	0.094B	27
28	---	---	---	---	2.71	0.396	0.186	0.125	0.308	2.53	0.440	0.093B	28
29	---		---	---	0.681	0.341	0.135	0.122	0.214	0.828	0.345	0.092B	29
30	---		---	---	0.625	0.491	0.112	0.213	0.179	0.510	0.287	0.091B	30
31	---		---		0.355		0.108	0.342		0.396		0.095B	31
TOTAL	---	---	---	---	---	17.781	7.500	11.558	11.912	14.826	14.882	5.151	TOTAL
MEAN	---	---	---	---	---	0.593	0.242	0.373	0.397	0.478	0.496	0.166	MEAN
MAX	---	---	---	---	---	3.19	0.592	5.03	1.87	2.53	1.48	0.283	MAX
MIN	---	---	---	---	---	0.156	0.108	0.103	0.128	0.134	0.271	0.091	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.091B ON DEC 30

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 23 16 N
LONG 75 40 28 W
DRAINAGE AREA, 20.4 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	648
FEB	---	AUG	999
MAR	---	SEP	1 030
APR	---	OCT	1 280
MAY	---	NOV	1 290
JUN	1 540	DEC	445

SCHNEIDER CREEK AT KITCHENER - STATION NO. 02GA037

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.058	0.092	0.394	0.363	0.174	0.134	0.218	0.068	0.331	1.48	0.169	0.518	1
2	0.060	0.169	0.339	0.236	0.136	0.147	0.132	0.064	0.709	0.249	0.210	0.552	2
3	0.063	0.149	0.235	0.163	0.172	0.503	0.174	0.063	0.490	0.176	0.224	0.252	3
4	0.119	0.151	0.247	0.476	0.204	0.178	0.321	0.062	3.66	0.122	0.217	0.225	4
5	0.109	0.141	0.231	0.201	0.248	0.170	0.258	0.062	0.284	0.176	0.221	0.146	5
6	0.138	0.207	0.224	0.201	0.215	0.132	0.147	0.132	0.162	0.954	0.239	0.096	6
7	0.134	0.113	0.177	0.205	0.226	0.083	0.161	0.172	0.085	0.253	0.172	0.155	7
8	0.130	0.083	0.160	0.200	0.183	0.142	0.179	0.862	0.268	0.210	0.104	0.211	8
9	0.141	0.109	0.197	0.231	0.129	0.206	0.180	0.109	0.268	0.206	0.182	0.199	9
10	0.108	0.142	0.215	0.204	0.681	0.189	0.160	0.385	0.218	0.119	0.201	0.203	10
11	0.070	2.36	0.238	0.412	0.969	0.175	0.115	0.294	0.216	0.078	0.135	0.208	11
12	0.115	0.269	0.220	0.174	0.282	0.176	0.093	0.146	0.153	0.072	0.130	0.149	12
13	0.137	0.227	0.206	0.264	0.213	0.828	0.145	0.145	0.092	0.139	0.198	0.085	13
14	0.135	0.215	0.135	1.84	0.312	0.726	0.155	0.148	0.201	0.188	0.143	0.162	14
15	0.139	0.239	0.129	0.267	0.499	0.144	0.140	0.715	0.218	0.322	0.090	0.207	15
16	0.146	0.858	0.162	0.224	0.224	0.354	0.133	0.113	0.215	0.192	0.319	0.214	16
17	0.117	2.30	0.169	0.618	0.154	0.249	0.109	0.120	0.332	0.121	0.216	0.209	17
18	0.083	3.29	0.158	0.520	0.211	0.173	0.340	0.157	0.204	1.06	0.196	0.184	18
19	0.128	2.94	0.163	0.202	0.246	0.184	0.350	0.156	0.135	0.339	0.202	0.104	19
20	0.156	2.30	0.186	0.217	0.308	0.136	0.076	0.159	0.092	0.217	1.44	0.074	20
21	0.133	1.44	0.269	0.226	0.347	0.317	0.062	0.173	0.883	0.703	0.380	0.147	21
22	0.145	1.05	0.132	0.225	0.361	1.47	0.069	0.136	0.518	1.81	0.179	0.227	22
23	0.159	2.96	0.171	1.20	0.305	0.233	0.068	0.116	0.219	0.677	0.188	0.460E	23
24	0.098	0.990	0.171	0.678	0.271	0.187	0.067	0.236	0.216	0.260	0.218	0.220E	24
25	0.088	0.678	0.176	0.283	0.470	0.185	0.070	0.138	0.237	0.197	0.212	0.170E	25
26	0.330	0.511	0.319	0.220	0.274	0.173	0.070	0.141	0.294	0.284	0.329	0.130E	26
27	0.215	0.378	0.338	0.222	0.265	0.113	0.070	0.152	0.147	1.35	0.407	0.150E	27
28	0.148	1.11	0.190	1.40	0.442	0.089	2.18	0.808	0.210	0.513	0.168	0.210E	28
29	0.138		0.170	0.484	0.183	0.093	0.274	0.479	0.213	0.308	0.104	0.180E	29
30	0.135		1.01	0.315	0.182	0.066	0.066	0.733	0.212	0.262	0.152	0.160E	30
31	0.112		0.399		0.094		0.067	0.215		0.220		0.170E	31
TOTAL	3.987	25.471	7.530	12.471	8.980	7.955	6.649	7.459	11.482	13.257	7.345	6.377	TOTAL
MEAN	0.129	0.910	0.243	0.416	0.290	0.265	0.214	0.241	0.383	0.428	0.245	0.206	MEAN
MAX	0.330	3.29	1.01	1.84	0.969	1.47	2.18	0.862	3.66	1.81	1.44	0.552	MAX
MIN	0.058	0.083	0.129	0.163	0.094	0.066	0.062	0.062	0.085	0.072	0.090	0.074	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.326
MAXIMUM DAILY, 3.66 ON SEP 4
MINIMUM DAILY, 0.058 ON JAN 1
MAXIMUM INSTANTANEOUS,
17.8 AT 03:39 EST ON SEP 4

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 26 22 N
LONG 80 28 34 W
DRAINAGE AREA, 25.1 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	344	JUL	574
FEB	2 200	AUG	644
MAR	651	SEP	992
APR	1 080	OCT	1 150
MAY	776	NOV	635
JUN	687	DEC	551

TOTAL DISCHARGE, 10 300 dam³

SCHOMBERG RIVER NEAR SCHOMBERG - STATION NO. 02EC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.135B	0.080B	0.638	0.563	0.125	0.072	0.050	0.073	0.104	0.073	0.231	0.232E	1
2	0.120B	0.096B	0.506	0.449	0.105	0.061	0.043	0.058	0.070	0.101	0.197	0.302E	2
3	0.108B	0.068B	0.428	0.393	0.097	0.065	0.037	0.054	0.065	0.107	0.180	0.285E	3
4	0.094B	0.064B	0.377	0.315	0.079	0.098	0.596	0.135	0.378	0.103	0.174	0.267E	4
5	0.091B	0.063B	0.357	0.306	0.123	0.086	1.32	0.537	1.38	0.098	0.173	0.245E	5
6	0.089B	0.062B	0.356	0.242	0.197	0.069	1.10	0.222	0.533	0.326	0.182	0.230E	6
7	0.085B	0.064B	0.373	0.237	0.083	0.051	0.432	0.117	0.401	0.370	0.183	0.215E	7
8	0.082B	0.061B	0.322	0.208	0.048	0.045	0.238	0.077	0.337	0.281	0.177	0.208E	8
9	0.078B	0.061B	0.327	0.214	0.064	0.043	0.137	0.077	0.348	0.212	0.165	0.200E	9
10	0.075B	0.060B	0.331	0.193	0.200	0.097	0.107	0.083A	0.250	0.167	0.149	0.190E	10
11	0.073B	0.300B	0.316	0.183	1.86	0.123	0.072	0.172E	0.177	0.145	0.140	0.180E	11
12	0.069B	0.067B	0.301	0.174	1.29	0.074	0.063	0.250E	0.133	0.126	0.144	0.168E	12
13	0.068B	0.065B	0.304	0.155	0.586	0.072	0.053	0.120E	0.108	0.112	0.139	0.175E	13
14	0.067B	0.070B	0.290B	0.382	0.412	0.066	0.043	0.096E	0.074	0.101	0.140	0.200E	14
15	0.067B	0.074B	0.290B	0.389	0.406	0.056	0.036	0.303E	0.068	0.134	0.150	0.230E	15
16	0.066B	0.110B	0.325B	0.274	0.407	0.049	0.033	0.275E	0.064	0.158	0.485	0.290A	16
17	0.066B	0.200B	0.242B	0.234	0.293	0.039	0.034	0.235E	0.065	0.136	0.843	0.188	17
18	0.066B	0.350B	0.215B	0.218	0.220	0.034	0.053	0.220E	0.065	0.290	0.578	0.145	18
19	0.066B	0.700B	0.156B	0.201	0.176	0.034	0.095	0.199E	0.061	0.314	0.415	0.141	19
20	0.065B	1.10 B	0.138	0.197	0.148	0.067	0.055	0.170E	0.062	0.215	1.14	0.116	20
21	0.065B	2.00 B	0.157	0.179	0.139	0.044	0.038	0.135E	0.080	0.173	1.49	0.112	21
22	0.065B	2.74	0.186	0.190	0.108	0.438	0.034	0.110E	0.134	0.236	0.713	0.113	22
23	0.065B	4.46	0.221	0.186	0.084	0.481	0.031	0.090E	0.116	0.426	0.495	0.137	23
24	0.066B	2.82	0.228	0.213	0.073	0.211	0.030	0.070E	0.082	0.497	0.415	0.151	24
25	0.070B	1.36	0.227	0.208	0.085	0.107	0.042	0.058E	0.070	0.390	0.343	0.137	25
26	0.081B	0.867	0.230	0.179	0.082	0.070	0.040	0.056E	0.084	0.377	0.324	0.151	26
27	0.072B	0.632	0.261	0.154	0.081	0.059	0.029	0.058E	0.102	0.484	1.24	0.150	27
28	0.065B	0.685	0.266	0.149	0.114	0.044	0.182	0.150E	0.075	0.756	0.819	0.153	28
29	0.065B		0.321	0.153	0.117	0.032	0.429	0.199E	0.063	0.442	0.497	0.152	29
30	0.065B		0.615	0.138	0.111	0.033	0.237	0.290E	0.057	0.318	0.391A	0.159	30
31	0.067B		0.774		0.097		0.116	0.133A		0.268		0.160	31
TOTAL	2.376	19.279	10.078	7.276	7.610	2.820	5.805	4.822	5.606	7.936	12.712	5.782	TOTAL
MEAN	0.077	0.689	0.325	0.243	0.245	0.094	0.187	0.156	0.187	0.256	0.424	0.187	MEAN
MAX	0.135	4.46	0.774	0.563	1.46	0.481	1.32	0.537	1.38	0.756	1.49	0.302	MAX
MIN	0.065	0.060	0.138	0.138	0.048	0.032	0.029	0.054	0.057	0.073	0.139	0.112	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.252
MAXIMUM DAILY, 4.46 ON FEB 23
MINIMUM DAILY, 0.029 ON JUL 27
MAXIMUM INSTANTANEOUS,
6.18 AT 18:00 EST ON FEB 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 00 37 N
LONG 79 41 10 W
DRAINAGE AREA, 51.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	205	JUL	502
FEB	1 670	AUG	417
MAR	871	SEP	484
APR	629	OCT	686
MAY	658	NOV	1 100
JUN	244	DEC	500

TOTAL DISCHARGE, 7 970 dam³

SEINE RIVER AT STURGEON FALLS GENERATING STATION - STATION NO. 05PB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	45.0	40.8	37.9	34.0	22.7	40.2	76.2	18.4	12.8	20.7	24.6	22.1	1
2	38.8	39.9	36.5	36.0	22.9	41.9	70.2	18.4	9.60	21.2	20.6	22.7	2
3	38.2	41.3	36.2	46.2	25.8	40.7	75.1	18.7	10.6	20.7	39.2	22.1	3
4	37.9	40.2	28.6	47.3	21.2	48.9	72.2	18.7	15.1	3.10	38.2	22.7	4
5	39.1	40.8	18.4	45.0	32.3	52.5	71.0	19.5	22.7	12.9	37.0	21.2	5
6	38.8	41.3	33.4	46.4	41.3	52.9	69.4	19.5	22.7	20.1	40.2	21.1	6
7	37.9	40.8	21.5	39.9	23.9	51.4	61.7	34.8	6.70	1.40	38.8	21.1	7
8	37.9	40.2	18.0E	43.3	22.2	52.0	61.8	38.2	22.1	12.0	3.60	22.7	8
9	39.6	40.2	15.0E	41.3	22.1	51.4	62.6	40.7	23.5	17.1	24.0	22.1	9
10	38.8	41.3	12.5	40.8	21.2	49.8	53.4	39.8	19.4	17.4	37.0	21.2	10
11	38.8	40.8	22.9	23.5	20.7	51.8	53.7	42.8	4.30	6.90	41.4	20.7	11
12	38.2	41.3	25.8	22.7	21.2	51.0	60.5	76.5	0	0	37.8	21.2	12
13	38.8	40.8	37.7	36.8	21.2	51.3	65.3	35.0	0	9.60	13.4	21.2	13
14	40.2	40.2	30.6	36.2	21.2	53.2	59.3	28.0	11.4	21.2	22.1	17.9	14
15	39.4	40.2	28.5E	36.8	23.5	52.4	52.7	39.9	19.1	0	5.00	22.1	15
16	39.1	39.1	26.3	39.4	21.2	51.4	47.0	46.2	0	13.8	13.4	20.8	16
17	37.1	39.6	22.7	38.8	22.1	46.0	46.8	35.4	0	21.2	22.1	22.1	17
18	40.2	37.4	28.9	36.8	21.2	51.4	48.4	20.0	0	22.1	22.7	22.1	18
19	37.7	40.8	39.4	20.7	30.6	51.4	49.5	0.700	0	21.2	37.9	17.5	19
20	40.2	40.2	34.3	27.3	34.8	51.4	47.8	10.0	19.5	0	36.4	7.80	20
21	37.7	41.9	20.7	25.6	44.2	51.4	48.2	9.80	3.90	0	39.2	10.1	21
22	39.6	37.1	10.2	23.5	40.2	65.4	47.9	23.9	13.9	26.2	39.1	8.70	22
23	40.2	36.5	11.5	26.6	40.8	92.9	39.9	22.1	0	11.3	21.7	12.7	23
24	40.2	37.4	22.1	36.8	42.5	85.9	41.7	18.7	0	18.5	37.0	16.0	24
25	40.8	36.8	22.1	40.8	40.8	79.2	39.6	17.4	20.3	19.5	21.9	15.3	25
26	40.2	33.4	23.5	41.9	41.3	76.8	40.2	22.1	19.5	28.2	22.1	19.1	26
27	39.1	39.1	21.2	40.8	40.2	70.6	39.6	21.2	19.1	39.6	22.1	17.4	27
28	43.9	36.2	17.7	40.8	40.2	68.5	37.9	20.7	14.4	38.2	22.1	17.7	28
29	39.9		26.6	40.2	39.6	79.1	38.8	14.7	0	39.8	22.1	18.1	29
30	41.3		23.5	23.5	40.2	75.8	29.0	0	0	39.6	22.1	16.8	30
31	40.8		29.5		40.2		24.0	0		36.8		16.8	31
TOTAL	1 225.4	1 105.6	783.7	1 079.7	943.5	1 738.6	1 631.4	771.800	310.60	560.30	824.80	581.10	TOTAL
MEAN	39.5	39.5	25.3	36.0	30.4	58.0	52.6	24.9	10.4	18.1	27.5	18.7	MEAN
MAX	45.0	41.9	39.4	47.3	44.2	92.9	76.2	76.5	23.5	39.8	41.4	22.7	MAX
MIN	37.1	33.4	10.2	20.7	20.7	40.2	24.0	0	0	0	3.60	7.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.7
MAXIMUM DAILY, 92.9 ON JUN 23
MINIMUM DAILY, 0 ON AUG 30

DATA CONTRIBUTED BY -
BOISE CASCADE CANADA LIMITED

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 44 40 N
LONG 92 17 05 W
DRAINAGE AREA, 5 880 km²

E - ESTIMATED
REGULATED SINCE 1958

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	106 000	JUL	141 000
FEB	95 500	AUG	66 700
MAR	67 700	SEP	26 800
APR	93 300	OCT	48 400
MAY	81 500	NOV	71 300
JUN	150 000	DEC	50 200

TOTAL DISCHARGE, 998 000 dam³

SEPARATION LAKE AT WALSTENS OUTPOST CAMP - STATION NO. 05QE014

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	318.115E	318.481	318.368	318.472	318.758	---	---	1
2	---	---	---	---	---	318.120E	318.480	318.363	318.479	318.770	---	---	2
3	---	---	---	---	---	318.128E	318.487	318.355	318.452	318.777	---	---	3
4	---	---	---	---	---	318.136E	318.494	318.346	318.464	318.789	---	---	4
5	---	---	---	---	---	318.146E	318.496	318.342	318.457	318.795	---	---	5
6	---	---	---	---	---	318.157E	318.506	318.359	318.492	318.800	---	---	6
7	---	---	---	---	---	318.169E	318.500	318.359	318.532	318.818A	---	---	7
8	---	---	---	---	---	318.180E	318.489	318.350	318.567	318.820E	---	---	8
9	---	---	---	---	---	318.185A	318.490	318.347	318.586	318.825E	---	---	9
10	---	---	---	---	---	318.207	318.502	318.348	318.610	318.830E	---	---	10
11	---	---	---	---	---	318.220	318.500	318.346	318.614	318.836E	---	---	11
12	---	---	---	---	---	318.239	318.494	318.349	318.628	318.842E	---	---	12
13	---	---	---	---	---	318.251	318.498	318.351	318.637	318.847E	---	---	13
14	---	---	---	---	---	318.270	318.499	318.343	318.645	318.853E	---	---	14
15	---	---	---	---	---	318.310	318.490	318.353	318.660	318.858E	---	---	15
16	---	---	---	---	---	318.343	318.491	318.360	318.664	318.863E	---	---	16
17	---	---	---	---	---	318.360	318.493	318.367	318.666	318.868E	---	---	17
18	---	---	---	---	---	318.367	318.491	318.377	318.664	318.873E	---	---	18
19	---	---	---	---	---	318.415	318.486	318.389	318.673	318.878E	---	---	19
20	---	---	---	---	---	318.420	318.486	318.399	318.675	318.882E	---	---	20
21	---	---	---	---	---	318.434	318.475	318.404	318.677	318.886E	---	---	21
22	---	---	---	---	---	318.423	318.462	318.399	318.670	318.890E	---	---	22
23	---	---	---	---	---	318.420	318.454	318.408	318.664	318.894E	---	---	23
24	---	---	---	---	---	318.438	318.439	318.417	318.664	318.898E	---	---	24
25	---	---	---	---	---	318.444	318.436	318.417	318.676	318.902E	---	---	25
26	---	---	---	---	---	318.442	318.432	318.421	318.687	318.906E	---	---	26
27	---	---	---	---	---	318.453	318.427	318.426	318.685	318.909A	---	---	27
28	---	---	---	---	---	318.464	318.417	318.429	318.724	318.912E	---	---	28
29	---		---	---	---	318.466	318.408	318.431	318.740	318.914E	---	---	29
30	---		---	---	---	318.475	318.397	318.432	318.751	318.916E	---	---	30
31	---		---		---		318.376	318.439		318.918E		---	31
MEAN	---	---	---	---	---	318.307	318.470	318.380	318.619	318.856	---	---	MEAN
MAX	---	---	---	---	---	318.475	318.506	318.439	318.751	318.918	---	---	MAX
MIN	---	---	---	---	---	318.115	318.376	318.342	318.452	318.758	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 12 N
LONG 94 28 20 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

SERPENT RIVER ABOVE QUIRKE LAKE - STATION NO. 02CD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.658B	0.700B	5.92	6.44	4.19	0.872	4.39	0.747	1.55	0.530	0.588	0.686	1
2	0.655B	0.860B	5.61	8.13	3.97	0.846	4.10	0.727	1.45	0.696	0.581	0.878	2
3	0.653B	1.07 B	5.13	8.85	3.81	1.04	3.78	0.774	1.34	0.777	0.702	0.958	3
4	0.652B	1.10 B	4.79	11.4	3.74	2.29	3.53	0.810	1.30	0.704	0.609	1.03	4
5	0.650B	1.11 B	4.57	14.7	3.93	2.91	3.35	0.867	1.26	0.656	0.556	1.01	5
6	0.648B	1.22 B	4.42	14.9	3.95	2.86	3.20	0.890	1.21	0.676	0.530	0.966	6
7	0.645B	1.32 B	4.17	13.6	3.75	2.63	3.03	0.877	1.17	0.734	0.525	0.937	7
8	0.643B	1.45 B	3.92	12.5	2.98	2.72	2.87	0.902	1.25	0.740E	0.616	0.942	8
9	0.640B	1.52 B	3.71	12.0	2.49	2.96	2.74	0.931	1.02	0.710E	0.745	0.895	9
10	0.640B	1.55 B	3.59	11.3	2.21	3.49	2.59	0.913	0.849	0.680E	0.801	0.849	10
11	0.638B	1.80 B	3.95	10.5	2.05	3.57	2.36	0.888	0.729	0.655E	0.799	0.802	11
12	0.632B	1.96 B	3.92	9.88	2.13	3.76	2.24	0.891	0.712	0.610E	0.776	0.740	12
13	0.628B	2.02 B	3.74	9.30	2.17	3.65	2.15	0.844	0.680	0.580E	0.766	0.710	13
14	0.622B	1.92 B	3.51	9.34	2.15	3.50	2.00	0.781	0.645	0.555E	0.727	0.761	14
15	0.618B	1.83 B	3.37	9.42	2.13	3.83	1.88	0.747	0.582	0.540E	0.709	0.782	15
16	0.610B	1.80 B	3.43	8.99	2.10	4.83	1.79	0.686	0.549	0.555E	0.740	0.804	16
17	0.600B	1.85 B	3.08	8.63	2.08	5.28	1.70	0.650	0.527	0.600E	0.798	0.816	17
18	0.595B	1.89 B	2.93	8.35	2.02	4.96	1.59	0.625	0.533	0.760E	0.893	0.838	18
19	0.592B	1.90 B	2.77	7.90	1.93	4.57	1.55	0.596	0.529	1.20 E	0.913	0.838	19
20	0.585B	1.89 B	2.70	7.34	1.88	4.16	1.51	0.575	0.526	1.27 E	0.906	0.825	20
21	0.580B	1.84	2.68	6.87	1.88	3.93	1.46	0.551	0.523	1.28 E	0.855	0.804	21
22	0.580B	1.77	2.66	6.33	1.75	3.93	1.41	0.536	0.526	1.29 E	0.835	0.800	22
23	0.575B	2.21	2.67	4.91	1.32	4.05	1.32	0.526	0.501	1.19 E	0.780	0.788	23
24	0.570B	4.36	2.66	4.63	0.997	3.93	1.19	0.531	0.470	1.07 E	0.775	0.803	24
25	0.565B	5.17	2.61	4.57	1.01	3.88	1.19	0.551	0.448	0.990E	0.773	0.811	25
26	0.575B	4.91	2.57	4.52	1.08	3.66	1.08	1.04	0.467	0.910E	0.729	0.776	26
27	0.580B	4.73	2.53	4.49	1.21	3.49	1.01	1.52	0.586	0.850E	0.801	0.772	27
28	0.575B	5.54	2.60	4.45	1.18	3.29	0.954	1.46	0.523	0.768	0.782	0.789	28
29	0.565B		2.88	4.44	1.07	3.55	0.986	1.49	0.533	0.715	0.725	0.807	29
30	0.570B		3.81	4.37	0.985	4.23	0.977	1.61	0.510	0.655	0.703	0.814	30
31	0.620B		5.26		0.909		0.910	1.62		0.620		0.823	31
TOTAL	18.959	61.290	112.16	253.05	69.051	102.668	64.837	27.156	23.498	24.566	22.038	25.854	TOTAL
MEAN	0.612	2.19	3.62	8.44	2.23	3.42	2.09	0.876	0.783	0.792	0.735	0.834	MEAN
MAX	0.658	5.54	5.92	14.9	4.19	5.28	4.39	1.62	1.55	1.29	0.913	1.03	MAX
MIN	0.565	0.700	2.53	4.37	0.909	0.846	0.910	0.526	0.448	0.530	0.525	0.686	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.21
MAXIMUM DAILY, 14.9 ON APR 6
MINIMUM DAILY, 0.448 ON SEP 25
MAXIMUM INSTANTANEOUS,
15.2 AT 16:49 EST ON APR 5

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 31 00 N
LONG 82 37 00 W
DRAINAGE AREA, 157 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 640	JUL	5 600
FEB	5 300	AUG	2 350
MAR	9 690	SEP	2 030
APR	21 900	OCT	2 120
MAY	5 970	NOV	1 900
JUN	8 870	DEC	2 230

TOTAL DISCHARGE, 69 600 dam³

SERPENT RIVER AT HIGHWAY NO. 17 - STATION NO. 02CD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.70B	5.75B	22.6	44.0	37.8	12.7	15.5	7.58	4.07	3.28	14.5	9.05	1
2	8.50B	5.90B	22.4	52.7	35.8	12.3	15.9	7.22	4.47	3.29	14.0	9.92	2
3	8.35B	6.00B	21.9	58.3	34.3	12.1	16.4	6.89	4.26	3.09	13.4	10.9	3
4	8.25B	5.90B	21.6	87.2	33.0	12.0	16.3	7.22	4.06	2.98	12.8	11.5	4
5	8.10B	5.85B	21.2	116	31.9	11.8	16.2	8.14	3.95	2.97	12.2	11.9	5
6	7.95B	6.00B	20.7	116	30.6	11.6	15.9	7.80	3.74	3.04	12.1	12.1	6
7	7.80B	6.20B	20.4	108	29.7	12.8	15.6	7.23	3.58	3.15	11.8	12.8	7
8	7.70B	6.40B	20.0	100	29.5	13.6	15.3	6.86	3.55	3.10	11.3	12.3	8
9	7.55B	6.60B	19.7	96.5	28.7	13.1	15.0	6.90	3.42	3.05	10.9	12.1	9
10	7.45B	6.80B	19.5	93.5	27.8	12.4	14.7	6.75	3.27	2.96	10.5	11.9	10
11	7.30B	7.20B	19.2	91.0	26.5	11.6	14.5	6.37	3.17	2.88	10.5	11.7	11
12	7.20B	7.80B	19.0	87.4	26.0	11.1	14.4	6.04	3.23	2.80	10.3	11.3	12
13	7.10B	7.70B	18.9	83.8	25.1	10.7	14.3	5.68	3.18	2.84	10.0	11.0	13
14	7.00B	7.60B	18.5	83.0	24.2	10.5	14.0	5.25	3.20	2.98	9.93	10.8	14
15	6.88B	7.55B	18.3	82.4	23.3	10.6	13.5	5.01	3.15	3.06	9.77	11.0	15
16	6.70B	7.45B	18.2	79.9	22.3	12.4	13.1	4.74	3.06	3.07	9.60	10.9	16
17	6.60B	7.45B	18.0	77.9	21.4	12.8	12.7	4.45	3.02	3.10	9.66	10.7	17
18	6.50B	7.50B	17.8	75.5	19.9	13.2	12.3	4.21	2.93	5.89	9.78	10.6	18
19	6.45B	7.60B	17.6	72.6	18.8	14.0	11.9	4.01	2.84	16.7	9.81	10.4	19
20	6.35B	7.80B	17.4	69.0	18.1	14.2	11.7	3.83	2.69	24.2	9.70	10.3	20
21	6.30B	8.10B	17.2	65.3	17.2	18.3	11.7	3.72	2.56	23.7	9.50	10.3	21
22	6.25B	8.60B	17.2	60.5	16.6	14.5	11.2	3.55	2.47	21.1	9.27	10.4	22
23	6.20B	9.50B	17.2	55.1	16.0	14.5	10.7	3.46	2.34	19.3	9.00	10.4	23
24	6.10B	14.2 B	17.5	52.5	15.5	14.6	10.4	3.48	2.22	17.5	8.76	10.5	24
25	6.05B	17.5 B	20.7	49.9	15.5	14.7	10.1	3.44	2.16	16.3	8.50	10.6	25
26	6.00B	20.2	23.8	47.5	15.1	14.7	9.82	3.35	2.21	15.6	8.44	10.6	26
27	5.95B	21.2	24.4	45.1	14.7	14.6	9.48	3.24	2.17	15.0	8.79	10.6	27
28	5.90B	22.3	24.7	43.2	14.3	14.5	9.20	3.15	2.17	14.4	9.06	10.5	28
29	5.85B		25.6	41.8	14.0	15.0	8.86	3.24	2.75	13.9	9.10	10.5	29
30	5.80B		30.4	39.9	13.5	15.5	8.43	3.46	3.03	14.3	9.05	10.4	30
31	5.75B		36.1		13.0		8.02	3.49		14.7		10.2 B	31
TOTAL	214.58	258.65	647.7	2 175.5	710.1	392.4	397.11	159.76	92.92	284.23	312.02	338.17	TOTAL
MEAN	6.92	9.24	20.9	72.5	22.9	13.1	12.8	5.15	3.10	9.17	10.4	10.9	MEAN
MAX	8.70	22.3	36.1	116	37.8	15.5	16.4	8.14	4.47	24.2	14.5	12.8	MAX
MIN	5.75	5.75	17.2	39.9	13.0	10.5	8.02	3.15	2.16	2.80	8.44	9.05	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.4
MAXIMUM DAILY, 116 ON APR 5
MINIMUM DAILY, 2.16 ON SEP 25
MAXIMUM INSTANTANEOUS,
119 AT 18:58 EST ON APR 5

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 12 47 N
LONG 82 30 33 W
DRAINAGE AREA, 1 350 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 500	JUL	34 300
FEB	22 300	AUG	13 800
MAR	56 000	SEP	8 030
APR	188 000	OCT	24 600
MAY	61 400	NOV	27 000
JUN	33 900	DEC	29 200

TOTAL DISCHARGE, 517 000 dam³

SERPENT RIVER AT OUTLET OF DUNLOP LAKE - STATION NO. 02CD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.073E	0.087	4.00	2.85	2.87	0.304	2.42	0.373	0.863	0.095	0.037E	0.021	1
2	0.071E	0.106	3.68	4.13	2.80	0.330	2.37	0.405	0.839	0.114	0.040E	0.034	2
3	0.070E	0.108	3.37	4.48	2.75	0.999	2.33	0.385	0.772	0.124E	0.046	0.030	3
4	0.068E	0.108	3.16	6.24	2.75	1.66	2.26	0.376	0.734	0.103E	0.058	0.027	4
5	0.066E	0.111	2.96	8.12	2.79	1.69	2.20	0.410	0.693	0.088E	0.075	0.025	5
6	0.065E	0.120	2.74	8.47	2.75	1.71	2.11	0.465	0.674	0.050E	0.104	0.025	6
7	0.063E	0.125	2.54	8.25	1.87	1.58	2.05	0.494	0.647	0.022	0.088	0.026	7
8	0.061E	0.153	2.38	8.26	1.25	1.74	1.98	0.463	0.418	0.017	0.092	0.027	8
9	0.060E	0.150	2.27	8.17	1.18	2.28	1.88	0.452	0.138	0.017	0.109	0.017	9
10	0.059E	0.171	2.60	7.86	1.06	2.62	1.69	0.450	0.142	0.014	0.112	0.014	10
11	0.057E	0.238	2.75	7.59	1.06	2.81	1.52	0.418	0.154	0.016	0.095	0.014	11
12	0.056E	0.269	2.52	7.22	1.09	2.81	1.42	0.398	0.179	0.018	0.043	0.015	12
13	0.055E	0.272	2.32	6.90	1.12	2.61	1.39	0.374	0.180	0.018	0.035	0.016	13
14	0.054E	0.243	2.15	7.06	1.12	2.45	1.22	0.363	0.178	0.020	0.036	0.017	14
15	0.054	0.236	2.05	6.83	1.10	2.71	1.10	0.358	0.135	0.037	0.035	0.018	15
16	0.056	0.243	1.95	6.54	1.11	3.00	1.05	0.379	0.148	0.029	0.039	0.017	16
17	0.059	0.258	1.85	6.32	1.10	2.89	0.930	0.361	0.147	0.037	0.044	0.017	17
18	0.058	0.257	1.74	6.09	1.11	2.78	0.825	0.323	0.133	0.112	0.038	0.018	18
19	0.058	0.273	1.64	5.75	1.09	2.72	0.788	0.308	0.153	0.058	0.034	0.018	19
20	0.058	0.274	1.55	5.43	1.10	2.50	0.783	0.270	0.154	0.019	0.037	0.018	20
21	0.055	0.282	1.48	5.09	1.09	2.45	0.765	0.232	0.132	0.021	0.036	0.019	21
22	0.061	0.291	1.40	3.64	0.557	2.54	0.709	0.222	0.150	0.033	0.031	0.017	22
23	0.063	1.50	1.34	2.65	0.191	2.50	0.662	0.260	0.100	0.024	0.029	0.017	23
24	0.060	2.84	1.29	2.87	0.185	2.39	0.627	0.234	0.118	0.024	0.028	0.019	24
25	0.059	2.76	1.24	2.92	0.205	2.40	0.613	0.912	0.114	0.027	0.026	0.017	25
26	0.066	2.62	1.19	2.92	0.245	2.28	0.602	1.21	0.118	0.027	0.031	0.016	26
27	0.067	3.23	1.18	2.94	0.266	2.16	0.546	1.01	0.114	0.027	0.033	0.017	27
28	0.058	4.35	1.18	2.94	0.282	2.03	0.501	0.937	0.059	0.024	0.027	0.016	28
29	0.055		1.24	2.99	0.293	2.36	0.493	0.911	0.045	0.030	0.020	0.016	29
30	0.054		1.53	2.94	0.310	2.52	0.420	0.926	0.061	0.033	0.019	0.017	30
31	0.058		1.94		0.303		0.375	0.916		0.034E		0.019	31
TOTAL	1.877	21.675	65.23	164.46	36.997	65.823	38.629	15.595	8.490	1.312	1.477	0.604	TOTAL
MEAN	0.061	0.774	2.10	5.48	1.19	2.19	1.25	0.503	0.283	0.042	0.049	0.019	MEAN
MAX	0.073	4.35	4.00	8.47	2.87	3.00	2.42	1.21	0.863	0.124	0.112	0.034	MAX
MIN	0.054	0.087	1.18	2.65	0.185	0.304	0.375	0.222	0.045	0.014	0.019	0.014	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.16
MAXIMUM DAILY, 8.47 ON APR 6
MINIMUM DAILY, 0.014 ON OCT 10
MAXIMUM INSTANTANEOUS,
8.48 AT 13:50 EST ON APR 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 29 05 N
LONG 82 18 33 W
DRAINAGE AREA, 109 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	162	JUL	3 340
FEB	1 870	AUG	1 350
MAR	5 640	SEP	734
APR	14 200	OCT	113
MAY	3 200	NOV	128
JUN	5 690	DEC	52.2

TOTAL DISCHARGE, 36 500 dam³

SERPENT RIVER BELOW PECORS LAKE - STATION NO. 02CD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.92	2.90E	5.70E	9.80E	23.7	7.65E	10.1 E	4.00E	2.37E	1.42	3.01	2.38	1
2	3.98	2.93E	6.00E	12.0 E	22.8	7.55E	10.2 E	3.95E	2.32E	1.52	2.91	2.57	2
3	3.79	2.97E	6.20E	15.0 E	21.8	7.58E	10.3 E	3.90E	2.31E	1.44	2.86	2.70	3
4	3.73	3.00E	6.40E	18.5 E	21.0	7.62E	10.4 E	3.88E	2.30E	1.42	2.80	2.72	4
5	3.63	3.05E	6.60E	23.0 E	20.2	7.75E	10.3 E	3.80E	2.30E	1.38	2.77	2.81	5
6	3.59	3.10E	6.75E	26.0 E	19.6	7.85E	10.2 E	3.73E	2.31E	1.53	3.03	2.77	6
7	3.70	3.18E	6.95E	28.0 E	18.8	7.95E	9.90E	3.62E	2.32E	1.64	2.85	2.79	7
8	3.58	3.23E	7.05E	29.5 E	17.9	8.05E	9.40E	3.53E	2.40E	1.52	2.79	2.90	8
9	3.43	3.26E	7.20A	30.5 E	17.2	8.15E	9.00E	3.45E	2.40E	1.45	2.73	2.91	9
10	3.43	3.28E	7.20E	31.0 E	16.6	8.20E	8.65E	3.35E	2.41E	1.36	2.59	2.88	10
11	3.32	3.28E	7.20E	31.6	16.0	8.35E	8.35E	3.28E	2.43E	1.32	2.58	2.59	11
12	3.21	3.23E	7.20E	32.2	15.6	8.40E	8.10E	3.18E	2.46E	1.31	2.45	2.62	12
13	3.18	3.20E	7.18E	32.6	14.9	8.50E	7.80E	3.10E	2.49E	1.28	2.45	2.68	13
14	3.10	3.20E	7.15E	33.5	14.2	8.75E	7.50E	3.03E	2.44E	1.25	2.52	2.87	14
15	3.12	3.23E	7.10E	33.7	13.7	9.00E	7.30E	2.97E	2.30E	1.30	2.49	3.10	15
16	3.19	3.23E	7.05E	33.7	13.3	9.35E	7.00E	2.88E	2.14E	1.27	2.45	3.11	16
17	3.08	3.25E	6.95E	33.7	12.9	9.50E	6.70E	2.82E	2.00E	1.28	2.60	2.99	17
18	3.05	3.30E	6.90E	33.6	12.0	9.60E	6.50E	2.76E	1.88E	2.92	2.61	3.08	18
19	3.09	3.45E	6.80E	32.8	11.7	9.65E	6.30E	2.69E	1.78E	3.79	2.57	3.06	19
20	3.10	3.60E	6.75E	32.2	11.0	9.75E	6.05E	2.63E	1.68E	3.71	2.52	2.97	20
21	3.03	3.80E	6.60E	31.2	10.6	9.75E	5.90E	2.57E	1.57E	3.58	2.41	3.09	21
22	3.01	4.05E	6.55E	30.2	10.4	9.78E	5.60E	2.51E	1.49E	3.48	2.28	3.13	22
23	3.10	4.30E	6.50E	30.2	9.90	9.80E	5.40E	2.45E	1.41E	3.53	2.27	3.15	23
24	3.02	4.55E	6.50E	29.9	9.57	9.80E	5.20E	2.38E	1.32	3.25	2.26	3.19	24
25	2.92	4.75E	6.45E	29.3	9.40E	9.75E	5.00E	2.30E	1.30	3.30E	2.25	3.20	25
26	2.85	5.00E	6.40E	27.9	9.00E	9.65E	4.80E	2.25E	1.35	3.35E	2.32	3.18	26
27	2.90E	5.25E	6.45E	26.8	8.70E	9.60E	4.65E	2.20E	1.45	3.37	2.46	3.19	27
28	2.97E	5.45E	6.55E	26.0	8.50E	9.75E	4.50E	2.22E	1.39	3.26	2.42	3.31	28
29	2.95E		6.70E	25.5	8.30E	9.90E	4.35E	2.26E	1.28	3.19	2.35	3.34	29
30	2.90E		7.40E	24.6	8.05E	10.0 E	4.20E	2.37E	1.22	3.09	2.32	3.23	30
31	2.88E		8.40E		7.90E		4.10E	2.40E		3.03		3.45	31
TOTAL	100.75	101.02	210.83	834.50	435.22	266.98	223.75	92.46	58.82	70.54	76.92	91.96	TOTAL
MEAN	3.25	3.61	6.80	27.8	14.0	8.90	7.22	2.98	1.96	2.28	2.56	2.97	MEAN
MAX	3.98	5.45	8.40	33.7	23.7	10.0	10.4	4.00	2.49	3.79	3.03	3.45	MAX
MIN	2.85	2.90	5.70	9.80	7.90	7.55	4.10	2.20	1.22	1.25	2.25	2.38	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.02
MAXIMUM DAILY, 33.7 ON APR 15
MINIMUM DAILY, 1.22 ON SEP 30
MAXIMUM INSTANTANEOUS,
34.3 AT 15:15 EST ON APR 14

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 22 28 N
LONG 82 26 18 W
DRAINAGE AREA, 567 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 700	JUL	19 300
FEB	8 730	AUG	7 990
MAR	18 200	SEP	5 080
APR	72 100	OCT	6 090
MAY	37 600	NOV	6 650
JUN	23 100	DEC	7 950

TOTAL DISCHARGE, 221 000 dam³

SERPENT RIVER BELOW QUIRKE LAKE - STATION NO. 02CD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.28	1.00	3.29	5.55	10.7	3.31	6.59	1.92	1.14	0.468	0.269	0.873	1
2	1.28	1.01	3.56	6.46	10.1	3.22	6.56	1.90	1.12	0.477	0.312	1.01	2
3	1.18	1.06	3.81	7.63	9.57	3.40	6.62	1.91	1.09	0.482	0.336	1.04	3
4	1.18	1.06	4.06	11.0	9.14	3.63	6.58	1.92	1.10	0.486	0.342	1.06	4
5	1.19	1.06	4.27	14.4	8.98	3.67	6.48	1.94	1.11	0.491	0.346	1.13	5
6	1.20	1.08	4.33	17.1	8.48	3.75	6.29	1.87	1.11	0.520	0.431	1.14	6
7	1.22	1.05	4.44	19.1	8.10	3.70	6.16	1.81	1.09	0.539	0.463	1.15	7
8	1.28	1.06	4.55	20.6	7.66	3.93	6.01	1.76	1.14	0.520	0.458	1.15	8
9	1.26	1.10	4.67	21.6	7.20	4.04	5.81	1.74	1.06	0.521	0.453	1.24	9
10	1.26	1.12	4.73	21.9	6.67	4.08	5.53	1.71	1.05	0.310	0.465	1.29	10
11	1.22	1.17	4.71	22.1	6.28	4.14	5.23	1.66	1.06	0.099	0.468	1.26	11
12	1.19	1.24	4.78	21.9	6.09	4.25	5.02	1.61	1.05	0.091	0.487	1.22	12
13	1.20	1.25	4.77	21.6	5.98	4.24	4.84	1.52	1.05	0.089	0.515	1.17	13
14	1.21	1.24	4.73	21.5	5.82	4.61	4.48	1.45	1.07	0.090	0.536	1.18	14
15	1.19	1.27	4.62	20.9	5.58	5.42	4.24	1.41	0.997	0.090	0.543	1.23	15
16	1.18	1.26	4.66	20.5	5.38	5.75	4.04	1.31	0.932	0.092	0.565	1.27	16
17	1.16	1.24	4.62	20.1	5.18	5.92	3.89	1.23	0.861	0.089	0.640	1.27	17
18	1.12	1.25	4.53	19.5	4.99	6.02	3.71	1.18	0.812	0.128	0.680	1.26	18
19	1.10	1.27	4.47	18.7	4.81	6.14	3.55	1.11	0.795	0.120	0.676	1.25	19
20	1.10	1.29	4.43	17.9	4.68	6.06	3.43	1.09	0.751	0.119	0.674	1.12	20
21	1.11	1.32	4.36	17.2	4.47	6.14	3.31	1.08	0.693	0.120	0.678	1.15	21
22	1.12	1.33	4.30	16.3	4.29	6.24	3.14	1.04	0.661	0.122	0.682	1.18	22
23	1.11	1.63	4.21	15.9	4.16	6.34	2.99	0.978	0.631	0.126	0.716	1.17	23
24	1.10	1.91	4.15	15.1	4.02	6.27	2.84	0.970	0.581	0.129	0.710	1.21	24
25	1.06	2.17	4.08	14.4	4.03	6.36	2.72	0.926	0.584	0.131	0.705	1.24	25
26	0.959	2.41	4.07	13.5	4.00	6.33	2.58	0.909	0.557	0.129	0.729	1.22	26
27	1.02	2.69	4.10	12.9	3.92	6.23	2.42	0.904	0.564	0.159	0.858	1.23	27
28	1.04	2.99	4.04	12.3	3.85	6.05	2.29	0.891	0.526	0.170	0.900	1.26	28
29	1.02		4.12	11.9	3.71	6.49	2.18	0.956	0.496	0.177	0.868	1.28	29
30	1.01		4.46	11.3	3.66	6.60	2.06	1.09	0.438	0.198	0.867	1.29	30
31	1.02		4.88		3.47		2.02	1.13		0.230		1.29	31
TOTAL	35.569	39.53	134.80	490.84	184.97	152.33	133.61	42.924	26.119	7.512	17.372	36.833	TOTAL
MEAN	1.15	1.41	4.35	16.4	5.97	5.08	4.31	1.38	0.871	0.242	0.579	1.19	MEAN
MAX	1.28	2.99	4.88	22.1	10.7	6.60	6.62	1.94	1.14	0.539	0.900	1.29	MAX
MIN	0.959	1.00	3.29	5.55	3.47	3.22	2.02	0.891	0.438	0.089	0.269	0.873	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.57
MAXIMUM DAILY, 22.1 ON APR 11
MINIMUM DAILY, 0.089 ON OCT 13
MAXIMUM INSTANTANEOUS,
22.3 AT 12:25 EST ON APR 11

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 29 11 N
LONG 82 28 52 W
DRAINAGE AREA, 319 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 070	JUL	11 500
FEB	3 420	AUG	3 710
MAR	11 600	SEP	2 260
APR	42 400	OCT	649
MAY	16 000	NOV	1 500
JUN	13 200	DEC	3 180

TOTAL DISCHARGE, 112 000 dam³

SEVERN RIVER AT BIG FALLS - STATION NO. 02EC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.4E	19.0 E	13.0	0.180E	1.10	10.0	9.68	7.00E	11.9	18.3	10.4E	11.2	1
2	20.4	19.4	25.8	0.180E	1.10E	10.0	8.40	7.00E	11.9	17.8	10.5	11.6	2
3	20.4E	19.4	25.8	0.180E	1.10E	10.0	10.0	7.00E	11.9	17.8E	10.5	11.6	3
4	20.4E	19.4	25.8	0.180E	1.10	10.0	10.0 E	7.00	11.9	17.8E	10.5	11.2	4
5	20.4	19.4	25.8	0.180E	1.10	10.0	10.0 E	5.80	11.9E	14.5	10.5	11.0E	5
6	20.4	19.4	24.7	0.180E	1.10	10.0 E	10.0	5.80	11.9E	11.2	10.9	10.7E	6
7	20.4	19.4 E	24.6 E	0.180E	1.10	10.0 E	10.0	4.80	11.9E	10.5	10.7E	10.5	7
8	20.4	19.4 E	24.4 E	0.180E	1.10	10.0	10.0	5.53E	11.9	10.5	10.4E	10.9	8
9	20.4	19.4	23.2	0.180E	1.10E	10.0	10.0	6.27E	17.1	10.5	10.2	10.2	9
10	20.1E	18.4	27.7	0.180E	1.10E	10.0	10.0	7.00	19.0	10.6E	10.2	10.5	10
11	19.8E	18.4	27.7	0.180E	1.10	10.0	9.47E	10.0	19.0	10.7E	10.2E	10.5	11
12	19.4	18.4	12.2 E	0.180E	1.60	10.0	8.93E	8.40	19.0E	10.8E	10.2	10.5E	12
13	19.4	18.4	0.180E	0.180E	2.10	9.79E	8.40	8.40	19.0E	10.9	10.2	10.5E	13
14	19.4	18.7 E	0.180E	0.180	1.60	9.57E	7.75E	7.00	19.0	11.2	10.2E	10.5	14
15	19.5	19.4 E	0.180E	0.158E	1.60	9.36	8.40	6.60E	19.0	11.6	10.2E	10.9	15
16	20.4	19.4	0.180E	0.135	1.58E	10.0	7.00	6.20E	19.0	11.6	10.2	10.9	16
17	20.4E	19.4	0.180E	0.120E	1.55E	9.36	7.00	5.80	19.0	11.1E	10.2	14.6	17
18	20.4E	19.4	0.180E	0.105E	1.53E	10.0	7.47E	4.80	19.0	10.7E	10.2	16.9	18
19	20.4	19.4	0.180E	0.090E	11.7	10.0	7.93E	4.80	19.0E	10.2	10.2	16.9E	19
20	20.4	20.4	0.180E	0.075E	10.0	10.0 E	8.40	5.80	19.0E	11.2	10.2	16.9E	20
21	20.4	20.4	0.180E	0.060	10.0	10.0 E	8.40	4.80	19.0	10.9	10.3E	16.9	21
22	20.4	23.0	0.180E	0.135	10.0	10.0	8.40	5.13E	18.4	10.5	10.4E	16.9	22
23	20.4	22.0	0.180E	0.135	10.0 E	10.0	7.00	5.47E	15.9	10.5	10.5	16.9	23
24	20.4E	13.3	0.180E	0.135	10.0 E	10.0	9.04	5.80	18.3	10.6E	10.5	16.9	24
25	20.4E	0.846	0.180E	0.135E	10.0	10.0	8.36E	6.13	18.3	10.8E	10.5	16.9E	25
26	20.4	0.788	0.180E	0.135E	10.0	8.40	7.68E	11.1	18.5E	10.9	10.5	16.9	26
27	19.4	0.720B	0.180E	0.135	10.0	8.40E	7.00	14.0	18.6E	10.9	11.2	16.9E	27
28	19.4	0.650B	0.180E	0.710	10.0	8.40E	7.00	11.9	18.8	10.2	10.9E	16.9E	28
29	18.4		0.180E	1.10	10.0	8.40	7.00	11.9 E	18.8	10.2	10.5	16.9	29
30	18.0		0.180E	1.10	10.0 E	10.0	7.00	11.9 E	18.8	10.2	11.2	16.9	30
31	18.5E		0.180E		10.0 E		7.00	11.9		10.3E		16.9	31
TOTAL	619.3	465.604	284.120	6.983	155.36	291.68	262.71	231.03	504.7	365.5	313.3	424.4	TOTAL
MEAN	20.0	16.6	9.17	0.233	5.01	9.72	8.47	7.45	16.8	11.8	10.4	13.7	MEAN
MAX	20.4	23.0	27.7	1.10	11.7	10.0	10.0	14.0	19.0	18.3	11.2	16.9	MAX
MIN	18.0	0.650	0.180	0.060	1.10	8.40	7.00	4.80	11.9	10.2	10.2	10.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.8
MAXIMUN DAILY, 27.7 ON MAR 10
MINIMUN DAILY, 0.060 ON APR 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 44 28 N
LONG 79 19 41 W

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	53 500	JUL	22 700
FEB	40 200	AUG	20 000
MAR	24 500	SEP	43 600
APR	603	OCT	31 600
MAY	13 400	NOV	27 100
JUN	25 200	DEC	36 700

TOTAL DISCHARGE, 339 000 dam³

SEVERN RIVER AT LIMESTONE RAPIDS - STATION NO. 04CC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	324B	248B	215B	164B	---	1 070	1 170	---	---	---	---	---	1
2	322B	246B	214B	163B	---	1 040	1 130	---	---	---	---	---	2
3	319B	244B	213B	162B	---	984	1 080	---	---	---	---	---	3
4	317B	242B	211B	161B	---	941	1 070	---	---	---	---	---	4
5	314B	240B	210B	160B	---	884	1 050	---	---	---	---	---	5
6	312B	239B	208B	159B	---	844	1 000	---	---	---	---	---	6
7	309B	237B	207B	159B	---	838	981	---	---	---	---	---	7
8	306B	236B	205B	158B	---	826	945	---	---	---	---	---	8
9	303B	234B	203B	158B	---	820	987	---	---	---	---	---	9
10	301B	233B	201B	157B	---	826	1 140	---	---	---	---	---	10
11	299B	231B	200B	157B	---	829	1 240	---	---	---	---	---	11
12	297B	230B	199B	157B	---	829	1 250	---	---	---	---	---	12
13	295B	229B	198B	158B	---	850	1 210	---	---	---	---	---	13
14	292B	228B	196B	159B	---	866	1 160	---	---	---	---	---	14
15	289B	227B	194B	160B	---	844	1 110	---	---	---	---	---	15
16	287B	226B	192B	161B	---	900	1 060A	---	---	---	---	---	16
17	284B	225B	190B	163B	---	1 040	---	---	---	---	---	---	17
18	282B	224B	188B	164B	---	1 190	---	---	---	---	---	---	18
19	279B	223B	187B	166B	---	1 290	---	---	---	---	---	---	19
20	276B	222B	185B	168B	---	1 450	---	---	---	---	---	---	20
21	273B	221B	183B	170B	---	1 550	---	---	---	---	---	---	21
22	270B	220B	180B	171B	---	1 570	---	---	---	---	---	---	22
23	268B	219B	178B	173B	1 670	1 540	---	---	---	---	---	---	23
24	266B	219B	176B	175B	1 590	1 510	---	---	---	---	---	---	24
25	263B	218B	174B	178B	1 500	1 460	---	---	---	---	---	---	25
26	260B	218B	172B	180B	1 430	1 390	---	---	---	---	---	---	26
27	258B	217B	170B	183B	1 370	1 350	---	---	---	---	---	---	27
28	256B	217B	168B	188B	1 300	1 290	---	---	1 240A	---	---	---	28
29	254B		167B	196B	1 230	1 230	---	---	---	---	---	---	29
30	252B		166B	204B	1 170	1 190	---	---	---	---	---	---	30
31	250B		165B		1 110		---	---		---		---	31
TOTAL	8 877	6 413	5 915	5 032	---	33 241	---	---	---	---	---	---	TOTAL
MEAN	286	229	191	168	---	1 110	---	---	---	---	---	---	MEAN
MAX	324	248	215	204	---	1 570	---	---	---	---	---	---	MAX
MIN	250	217	165	157	---	820	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 22 30 N
LONG 88 19 30 W
DRAINAGE AREA, 94 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	767 000	JUL	---
FEB	554 000	AUG	---
MAR	511 000	SEP	---
APR	435 000	OCT	---
MAY	---	NOV	---
JUN	2 870 000	DEC	---

SEVERN RIVER AT LITTLE FALLS - STATION NO. 02EC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.7 E	9.15 E	14.9	0.050E	1.70	1.62	1.62	1.36E	2.76	9.26	9.15E	9.15E	1
2	10.7	9.26	12.9	0.050E	1.70E	1.25	1.62	1.40E	3.02	8.93	9.26	9.26	2
3	10.7 E	9.60	13.4	0.050E	1.70E	1.70	1.62	1.43E	2.64	8.93E	8.93	9.60	3
4	10.7 E	9.60	12.9	0.050E	1.70	1.70	1.65E	1.47	2.64	8.93E	8.93	9.26	4
5	10.7	8.93	12.9	0.050E	1.70	1.70	1.67E	1.32	2.74E	8.93	8.93	9.15E	5
6	10.7	8.93	12.9	0.050E	1.32	1.70E	1.70	1.32	2.83E	9.26	8.93	9.04E	6
7	10.7	8.93 E	12.6 E	0.050E	1.54	1.70E	1.54	1.40	2.93E	8.93	8.93E	8.93	7
8	10.7	8.93 E	12.3 E	0.050E	1.54	1.70	1.62	1.40E	3.02	8.93	8.93E	9.26	8
9	10.7	8.93	12.0	0.050E	1.54E	1.70	1.62	1.40E	8.58	8.93	8.93	8.93	9
10	10.7 E	8.60	12.0	0.050E	1.54E	1.70	1.62	1.40	10.7	9.01E	8.93	8.93	10
11	10.7 E	8.60	12.0	0.050E	1.54	1.70	1.62E	2.40	10.7	9.10E	8.93E	8.93	11
12	10.7	8.60	12.0	0.050E	4.93	1.70	1.62E	1.54	10.7 E	9.18E	8.93	9.04E	12
13	9.95	8.60	12.9	0.050E	1.88	1.70E	1.62	1.40	10.7 E	9.26	8.93	9.15E	13
14	10.7	8.60 E	12.9 E	0.050E	1.78	1.70E	1.62	1.40	10.7	9.26	8.82E	9.26	14
15	10.7	8.60 E	12.9 E	0.050E	1.78	1.70	2.38	1.37E	10.7	9.26	8.71E	9.26	15
16	10.7	8.60	12.9	7.81	1.76E	1.70	2.39	1.35E	10.7	9.95	8.60	8.93	16
17	10.7 E	8.60	12.9	12.9	1.74E	1.70	1.62	1.32	10.3	9.61E	8.60	8.60	17
18	10.7 E	8.93	12.9	12.9	1.72E	1.70	1.62E	1.32	10.3	9.27E	8.60	8.93	18
19	10.7	8.93	12.9	12.6 E	1.70	1.70	1.62E	2.22	10.1 E	8.93	8.60	8.93E	19
20	10.7	8.93	12.9	12.3 E	1.70	1.70E	1.62	1.78	9.83E	10.7	8.60	8.93E	20
21	10.7	8.93	12.9 E	12.0	1.70	1.70E	1.47	2.64	9.60	9.09	8.71E	8.93	21
22	10.7	12.9	12.9 E	12.9	1.70	1.70	1.40	2.68E	9.60	9.60	8.82E	8.93	22
23	10.7	5.40 E	12.9	12.9	1.62E	1.70	1.47	2.72E	9.26	9.60	8.93	8.93	23
24	10.7 E	0.050E	12.9	12.9	1.55E	1.70	1.47	2.76	9.60	9.60E	8.93	8.93	24
25	10.7 E	0.050E	12.9	12.9 E	1.47	1.70	1.42E	2.76	9.60	9.60E	8.93	8.93E	25
26	10.7	5.56 E	12.9	12.9 E	1.32	1.62	1.37E	2.58	9.60E	9.60	9.26	8.93	26
27	9.60	11.6	12.9	12.9	1.32	1.71E	1.32	2.52	9.60E	9.60	9.26	8.93E	27
28	9.60	14.9	12.9 E	6.13	1.32	1.79E	1.32	2.52	9.60	8.93	9.10E	8.93E	28
29	8.93		12.9 E	1.70	1.25	1.88	1.32	2.60E	9.60	8.93	8.93	8.93	29
30	8.93		5.40 E	1.70	1.37E	1.62	1.32	2.68E	9.26	8.93	9.04E	8.93	30
31	9.04E		0.050E		1.50E		1.32	2.76		9.04E		8.93	31
TOTAL	323.55	237.240	377.550	158.190	52.63	50.59	49.21	59.22	241.91	287.08	267.08	279.70	TOTAL
MEAN	10.4	8.47	12.2	5.27	1.70	1.69	1.59	1.91	8.06	9.26	8.90	9.02	MEAN
MAX	10.7	14.9	14.9	12.9	4.93	1.88	2.39	2.76	10.7	10.7	9.26	9.60	MAX
MIN	8.93	0.050	0.050	0.050	1.25	1.25	1.32	1.32	2.64	8.93	8.60	8.60	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.53
MAXIMUM DAILY, 14.9 ON FEB 28
MINIMUM DAILY, 0.050E ON FEB 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 44 45 N
LONG 79 19 31 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	28 000	JUL	4 250
FEB	20 500	AUG	5 120
MAR	32 600	SEP	20 900
APR	13 700	OCT	24 800
MAY	4 550	NOV	23 100
JUN	4 370	DEC	24 200

TOTAL DISCHARGE, 206 000 dam³

SEVERN RIVER AT OUTLET OF MUSKRAT DAM LAKE - STATION NO. 04CA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	124B	103 B	85.5B	78.2B	107	261	493	293	172	216	288	253B	1
2	124B	102 B	85.0B	78.4B	113	255	488	281	175	225	282	250B	2
3	124B	101 B	84.5B	78.6B	123	266	462	276	179	229	278	247B	3
4	123B	100 B	84.0B	78.8B	133	273	459	272	174	231	276	243B	4
5	123B	100 B	83.5B	79.0B	138	265	458	267	169	236	284	240B	5
6	122B	99.0B	83.5B	79.4B	146	279	431	258	169	243	284	236B	6
7	121B	98.0B	83.0B	79.8B	150	297	426	254	178	247	282	232B	7
8	121B	97.0B	82.5B	80.2B	152	301	418	250	185	243	282	227B	8
9	120B	96.5B	82.0B	80.4B	162	309	462	247	187	237	279	222B	9
10	120B	96.0B	82.0B	80.6B	169	322	442	246	191	243	282	218B	10
11	119B	95.5B	81.5B	81.0B	173	322	421	246	197	248	281	214B	11
12	118B	94.5B	81.0B	81.5B	178	318	414	232	197	250	278	210B	12
13	118B	94.0B	81.0B	82.0B	182	311	395	235	196	262	276	206B	13
14	117B	93.0B	80.5B	82.5B	184	282	377	232	194	267	275	202B	14
15	117B	92.5B	80.5B	83.5B	174	275	365	218	187	263	274	199B	15
16	116B	92.0B	80.0B	84.0B	184	325	351	228	187	269	277	196B	16
17	116B	91.5B	80.0B	84.5B	191	352	348	223	197	259	280	192B	17
18	115B	91.0B	80.0B	86.0B	196	379	351	216	189	266	281	189B	18
19	114B	90.5B	79.8B	87.0B	200	407	337	217	180	279	281	186B	19
20	113B	90.0B	79.6B	88.0B	200	417	332	209	175	280	285	182B	20
21	112B	89.5B	79.4B	89.5B	202	432	328	211	173	286	285	179B	21
22	111B	89.0B	79.2B	90.5B	188	437	326	210	172	278	280B	177B	22
23	110B	88.5B	79.2B	91.5B	178	439	319	192	174	280	278B	174B	23
24	109B	88.0B	79.0B	93.5B	190	436	316	193	175	282	275B	172B	24
25	109B	87.5B	78.9B	94.5B	190	436	315	200	165	270	273B	169B	25
26	108B	87.0B	78.8B	96.5B	205	434	311	203	155	272	270B	166B	26
27	107B	86.5B	78.6B	98.5B	217	445	305	202	158	269	267B	164B	27
28	106B	86.0B	78.4B	100 B	216	458	298	201	197	267	264B	162B	28
29	105B		78.2B	102 B	212	466	293	198	204	265	260B	159B	29
30	105B		78.0B	105	239	486	278	172	210	265	257B	157B	30
31	104B		78.0B		254		282	174		283		155B	31
TOTAL	3 571	2 619.0	2 505.1	2 594.9	5 550	10 695	11 603	7 056	5 461	8 010	8 316	6 178	TOTAL
MEAN	115	93.5	80.8	86.5	179	357	374	228	182	258	277	199	MEAN
MAX	124	103	85.5	105	254	486	493	293	210	286	288	253	MAX
MIN	104	86.0	78.0	78.2	107	261	278	172	155	216	257	155	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 203
MAXIMUM DAILY, 493 ON JUL 1
MINIMUM DAILY, 78.0B ON MAR 30
MAXIMUM INSTANTANEOUS,
499 AT 22:17 EST ON JUN 30

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 29 27 N
LONG 91 30 55 W
DRAINAGE AREA, 36 500 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	309 000	JUL	1 000 000
FEB	226 000	AUG	610 000
MAR	216 000	SEP	472 000
APR	224 000	OCT	692 000
MAY	480 000	NOV	719 000
JUN	924 000	DEC	534 000

TOTAL DISCHARGE, 6 410 000 dam³

SEVERN RIVER AT SWIFT RAPIDS - STATION NO. 02EC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	70.5	61.6	194	90.2	51.4	41.8	32.7	22.3	35.4	42.1	45.2	71.3	1
2	69.6	62.7	187	102	48.6	44.0	41.5	23.5	37.2	44.5	42.5	72.7	2
3	70.8	62.9	167	115	46.2	43.1	45.8	22.5	31.2	39.9	43.9	72.5	3
4	69.9	61.4	156	106	48.0	36.8	40.7	23.4	41.3	40.5	40.1	72.4	4
5	69.7	66.5	160	113	41.4	45.1	37.7	34.4	40.8	42.1	41.5	73.2	5
6	69.7	63.0	150	112	32.2	39.1	38.1	26.2	40.6	38.1	40.9	70.7	6
7	71.4	61.3	145	96.7	35.6	24.4	32.0	22.1	35.6	38.9	37.3	62.2	7
8	72.5	58.3	153	75.9	34.1	34.2	33.2	23.4	37.0	40.4	35.8	58.8	8
9	72.0	57.4	145	68.5	31.6	37.4	33.1	20.1	45.7	39.9	35.3	57.0	9
10	69.5	65.0	128	67.8	39.4	42.0	37.1	31.3	56.8	45.0	38.1	52.9	10
11	70.1	63.2	128	67.5	64.1	36.3	32.3	27.6	51.8	44.4	37.8	58.1	11
12	73.3	63.5	113	69.4	75.8	42.1	29.0	27.2	50.2	45.3	38.7	54.0	12
13	73.6	63.3	90.9	69.4	93.0	38.8	32.2	24.0	54.5	38.9	36.0	54.6	13
14	71.5	65.8	84.5	68.5	96.6	34.5	26.0	24.3	50.9	41.3	35.5	56.2	14
15	70.4	64.0	83.5	70.8	95.7	41.0	27.8	32.3	46.9	43.3	40.2	57.1	15
16	69.6	67.0	80.9	69.9	76.2	45.2	35.0	26.5	46.2	42.3	37.6	57.6	16
17	69.7	71.1	83.5	66.8	69.7	45.6	41.6	23.7	46.4	42.9	46.2	56.2	17
18	69.1	72.4	77.8	67.7	66.3	42.5	27.8	23.6	45.3	40.8	52.8	57.3	18
19	69.4	85.1	70.8	69.7	68.4	36.6	17.4	24.7	43.0	42.0	60.7	57.5	19
20	66.3	114	68.4	68.2	61.6	40.4	26.9	32.3	39.9	45.8	55.5	55.2	20
21	63.9	119	69.9	58.5	53.7	31.7	25.9	37.2	42.2	45.9	55.2	52.3	21
22	64.6	149	69.9	62.0	53.8	48.5	20.6	21.0	41.6	46.0	64.2	49.9	22
23	65.7	189	69.8	60.4	54.1	50.1	23.2	19.0	45.8	46.0	52.0	48.1	23
24	63.3	208	69.2	62.9	54.2	49.8	21.4	31.8	40.5	47.8	57.9	48.7	24
25	58.0	204	70.1	60.3	53.1	40.9	22.2	28.5	32.9	46.1	57.9	50.8	25
26	63.5	198	68.5	61.3	53.7	44.9	22.4	26.1	33.4	45.0	61.4	52.6	26
27	61.0	199	69.6	55.4	53.5	43.7	28.3	29.4	44.9	47.1	64.6	52.2	27
28	59.8	198	69.2	48.7	51.7	42.2	25.9	28.1	44.6	46.9	67.8	52.4	28
29	62.4		69.5	51.8	51.7	40.9	24.3	29.8	46.7	46.9	69.4	51.1	29
30	62.9		68.8	52.5	48.1	40.4	24.1	29.8	43.5	46.9	72.2	50.7	30
31	62.6		69.9		46.9		22.4	31.1		46.0		51.0	31
TOTAL	2 096.3	2 813.5	3 230.7	2 208.8	1 750.4	1 224.0	928.1	827.2	1 292.8	1 349.0	1 464.2	1 787.3	TOTAL
MEAN	67.6	100	104	73.6	56.5	40.8	29.9	26.7	43.1	43.5	48.8	57.7	MEAN
MAX	73.6	208	194	115	96.6	50.1	45.8	37.2	56.8	47.8	72.2	73.2	MAX
MIN	58.0	57.4	68.4	48.7	31.6	24.4	17.4	19.0	31.2	38.1	35.3	48.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 57.5
MAXIMUM DAILY, 208 ON FEB 24
MINIMUM DAILY, 17.4 ON JUL 19

DATA CONTRIBUTED BY -
MINISTRY OF TRANSPORT (CANADA)

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 44 51 25 N
LONG 79 32 30 W
DRAINAGE AREA, 5 850 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	181 000	JUL	80 200
FEB	243 000	AUG	71 500
MAR	279 000	SEP	112 000
APR	191 000	OCT	117 000
MAY	151 000	NOV	127 000
JUN	106 000	DEC	154 000

TOTAL DISCHARGE, 1 810 000 dam³

SEVERN RIVER AT WASHAGO - STATION NO. 02EC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.25E	5.15E	9.23	9.23	9.57	10.6	9.57	7.58E	7.27	5.15	5.08E	5.83	1
2	6.30	5.15	8.90	8.90	9.57E	11.0	9.91	7.65E	7.27	4.71	5.15	6.54	2
3	6.30E	4.93	8.30	9.57	9.57E	11.0	9.91	7.71E	6.78	4.71E	4.93	6.06	3
4	6.30E	4.93	8.03	9.24E	9.57	11.0	9.91E	7.77	6.78	4.71E	5.15	5.83	4
5	6.30	4.49	7.52	8.92E	9.57	10.6	9.91E	7.27	7.03E	4.71	5.15	5.75E	5
6	6.30	4.49	7.52	8.59	8.03	10.6 E	9.91	7.02	7.28E	5.15	5.15	5.68E	6
7	6.30	4.49E	7.52E	9.57	9.23	10.6 E	9.57	7.27	7.52E	4.71	4.86E	5.60	7
8	5.83	4.49E	7.52E	9.91	9.57	10.6	9.57	7.44E	7.77	4.49	4.57E	5.60	8
9	6.30	4.49	7.52	9.57	9.68E	10.6	9.57	7.60E	7.27	4.71	4.28	4.93	9
10	6.07E	4.49	8.03	9.57	9.80E	10.6	9.57	7.77	7.52	4.82E	4.71	4.93	10
11	5.83E	4.49	8.03	9.68E	9.91	10.6	9.46E	8.30	7.02	4.93E	4.71E	5.15	11
12	5.60	4.49	8.30	9.80E	11.0	10.6	9.34E	7.77	6.94E	5.04E	4.71	5.22E	12
13	5.37	4.71	8.59	9.91	11.4	10.6 E	9.23	8.03	6.86E	5.15	4.71	5.30E	13
14	5.60	4.71E	8.49E	11.4	11.4	10.6 E	9.23	7.52	6.78	5.15	4.71E	5.37	14
15	5.60	4.71E	8.40E	8.90	11.0	10.6	8.03	7.35E	6.54	5.15	4.71E	5.60	15
16	5.60	4.71	8.30	10.3	11.0 E	10.6	8.30	7.19E	6.54	4.93	4.71	5.37	16
17	5.60E	4.71	8.30	10.1 E	11.0 E	10.6	8.30	7.02	6.06	4.86E	4.71	5.22	17
18	5.60E	4.93	8.30	9.87E	11.0 E	10.6	8.40E	7.02	6.06	4.78E	4.71	5.15	18
19	5.60	4.93	8.59	9.66E	11.0	10.6	8.49E	7.27	6.06E	4.71	4.71	5.15E	19
20	5.60	5.37	8.59	9.44E	11.0	10.6 E	8.59	7.27	6.06E	5.65	4.49	5.15E	20
21	5.60	5.83	8.59E	9.23	11.0	10.6 E	8.30	7.27	6.06	4.49	4.72E	5.15	21
22	5.60	6.54	8.59E	9.91	11.0	10.6	7.77	7.19E	5.60	4.49	4.94E	5.15	22
23	5.60	7.02	8.59	9.91	11.1 E	10.3	8.03	7.10E	5.11	4.71	5.17	5.15	23
24	5.60E	7.60	8.30	9.91	11.3 E	10.6	8.03	7.02	5.15	4.86E	5.15	5.15	24
25	5.60E	8.23	8.30	9.80E	11.4	10.6	7.86E	6.78	5.37	5.00E	5.15	5.04E	25
26	5.60	8.90	8.30	9.68E	11.4	9.23	7.69E	6.88	5.45E	5.15	5.37	4.93	26
27	5.37	9.23	8.30	9.57	10.6	9.69E	7.52	6.78	5.52E	4.93	5.83	4.93E	27
28	5.37	9.23	8.40E	9.57	11.0	10.1 E	7.27	6.54	5.60	4.49	5.49E	4.93E	28
29	5.37		8.49E	9.57	11.0	10.6	7.52	6.70E	5.37	4.49	5.15	4.93	29
30	5.15		8.59	9.57	10.9 E	9.91	7.77	6.86E	5.15	4.93	5.60	4.93	30
31	5.15E		8.90		10.7 E		7.52	7.02		5.00E		4.93	31
TOTAL	178.26	157.44	257.33	288.85	325.27	315.43	270.05	225.96	191.79	150.76	148.48	164.65	TOTAL
MEAN	5.75	5.62	8.30	9.63	10.5	10.5	8.71	7.29	6.39	4.86	4.95	5.31	MEAN
MAX	6.30	9.23	9.23	11.4	11.4	11.0	9.91	8.30	7.77	5.65	5.83	6.54	MAX
MIN	5.15	4.49	7.52	8.59	8.03	9.23	7.27	6.54	5.11	4.49	4.28	4.93	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.33
MAXIMUM DAILY, 11.4 ON APR 14
MINIMUM DAILY, 4.28 ON NOV 9

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 45 50 N
LONG 79 19 49 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 400	JUL	23 300
FEB	13 600	AUG	19 500
MAR	22 200	SEP	16 600
APR	25 000	OCT	13 000
MAY	28 100	NOV	12 800
JUN	27 300	DEC	14 200

TOTAL DISCHARGE, 231 000 dam³

SEVERN RIVER BELOW OUTLET OF DEER LAKE - STATION NO. 04CA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.3	11.3	10.8	9.35	13.0	23.1	54.5E	41.8	18.5E	19.9	23.4	25.4	1
2	13.2	11.7	10.6	9.20	13.4	23.2	54.4E	38.6	18.2E	19.8	23.5	25.4	2
3	12.8	12.2	10.2	9.11	11.6	24.3	54.2E	38.5	18.0E	19.6	23.5	25.4	3
4	13.0	12.6	10.0	9.35	6.87	23.8	53.8E	38.7	18.1E	19.7	23.5	25.5	4
5	13.0	12.7	10.1	8.98	6.88	25.3	53.0E	36.8	18.4E	19.9	24.0	25.6	5
6	13.0	12.5	10.9	8.88	10.7	26.0	52.0E	35.8	18.8E	20.2	23.8	25.5	6
7	13.8	12.3	11.1	9.37	14.4	25.9	51.0E	37.3	19.2E	20.0	23.9	25.4	7
8	13.4	12.7	10.6	9.38	9.61	26.7	50.5E	35.5	19.7E	20.3	23.9	25.5	8
9	13.2	12.5	10.8	9.32	8.11	26.6	50.8E	33.6	20.2E	20.4	23.9	25.6	9
10	13.1	11.6	10.3	9.01	12.4	27.1	51.5E	33.7	20.6E	20.6	23.9	25.4	10
11	12.9	11.5	10.7	8.86	15.0	28.0	52.0E	34.3	20.9E	21.0	24.1	25.1	11
12	13.0	11.9	10.9	9.32	17.0	28.6	51.8E	32.9	21.0E	20.9	24.3	25.2	12
13	12.8	12.1	10.6	9.13	18.0	28.3	51.0E	31.7	20.6E	21.6	24.5	25.2	13
14	12.7	10.9	10.1	8.82	19.4	27.5	50.2E	30.7	20.2E	21.6	24.6	25.0	14
15	12.8	11.1	10.1	8.90	13.9	28.6	49.5	29.5	19.7E	21.7	24.7	24.9	15
16	13.3	12.0	9.61	9.15	14.2	30.8	49.9	28.5E	19.5E	22.0	24.8	24.8	16
17	13.3	12.1	9.32	9.11	16.8	33.1	49.4	27.8E	19.9E	22.2	25.0	24.9	17
18	13.1	11.3	9.34	9.06	19.0	33.6	49.3	27.0E	20.1E	22.0	24.8	24.8	18
19	13.0	11.1	10.0	9.03	21.3	35.1	49.0	26.2E	20.0E	21.7	24.9	24.9	19
20	13.6	11.6	10.2	8.85	21.5	40.8	48.3	25.2E	19.6E	21.7	24.8	25.0	20
21	13.6	11.8	9.64	8.96	20.3	43.5E	46.4	24.4E	18.7E	21.6	24.8	25.0	21
22	13.5	11.8	9.51	9.08	19.2	45.0E	46.4	23.6E	17.8E	21.8	25.0	24.7	22
23	13.6	11.4	9.59	8.53	20.0	46.0E	45.4	23.0E	17.9	21.8	25.3	24.5	23
24	13.3	11.4	9.68	8.58	20.3	47.5E	46.0	22.4E	18.5	21.7	25.4	24.2	24
25	13.2	11.9	9.58	8.61	20.4	49.5E	45.0	21.8E	18.0	21.8	25.2	24.1	25
26	13.2	11.8	9.39	8.96	21.0	52.5E	42.7	21.2E	18.1	21.8	25.1	24.0	26
27	12.8	11.2	9.37	11.9	21.5	53.5E	42.0	20.6E	19.4	21.8	25.2	23.8	27
28	13.1	10.7	9.55	11.8	21.8	54.0E	41.4	20.1E	19.8	21.9	25.3	23.6	28
29	12.7		9.73	12.2	21.8	54.0E	40.5	19.8E	19.9	22.0	25.4	23.4	29
30	12.8		9.58	13.0	22.2	54.2E	42.8	19.3E	20.0	22.2	25.4	23.3	30
31	11.9		9.38		22.8		40.0	18.8E		22.7		23.2	31
TOTAL	406.0	329.7	311.27	283.80	514.37	1 066.1	1 584.7	899.1	579.3	657.9	735.9	768.3	TOTAL
MEAN	13.1	11.8	10.0	9.46	16.6	35.5	48.5	29.0	19.3	21.2	24.5	24.8	MEAN
MAX	13.8	12.7	11.1	13.0	22.8	54.2	54.5	41.8	21.0	22.7	25.4	25.6	MAX
MIN	11.9	10.7	9.32	8.53	6.87	23.1	40.0	18.8	17.8	19.6	23.4	23.2	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.1
MAXIMUM DAILY, 54.5E ON JUL 1
MINIMUM DAILY, 6.87 ON MAY 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 40 30 N
LONG 93 59 50 W

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	35 100	JUL	130 000
FEB	28 500	AUG	77 700
MAR	26 900	SEP	50 100
APR	24 500	OCT	56 800
MAY	44 400	NOV	63 600
JUN	92 100	DEC	66 400

TOTAL DISCHARGE, 696 000 dam³

SEVERN RIVER BELOW WASHAGO - STATION NO. 02EC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	51.1	49.3	58.9	15.5	38.7	28.5	26.7	20.5	26.4	35.6	27.4	29.3	1
2	50.9	49.8	77.8	15.1	38.8	28.6	25.6	20.6	26.4	34.1	27.7	30.7	2
3	50.9	52.8	84.9	16.0	38.8	29.1	27.4	20.7	25.4	34.1	27.0	30.4	3
4	50.9	54.6	84.0	15.4	38.9	29.2	27.4	20.8	25.5	34.1	27.3	29.4	4
5	50.9	53.0	83.6	14.9	28.7	28.6	27.3	18.6	26.0	30.8	27.3	28.9	5
6	52.4	53.0	82.2	14.4	15.6	28.6	27.3	18.5	26.5	28.5	27.7	28.4	6
7	53.5	53.1	81.7	16.1	17.7	28.6	26.9	18.0	27.0	26.7	27.0	27.9	7
8	53.0	53.3	81.1	16.6	18.2	28.5	26.7	18.9	27.5	26.4	26.2	28.6	8
9	53.2	53.5	71.8	16.2	18.3	28.5	26.8	19.8	37.5	26.7	25.5	26.6	9
10	52.7	51.7	65.0	16.0	18.5	28.4	26.6	20.8	41.7	27.1	26.3	26.8	10
11	52.1	51.7	65.3	16.1	18.7	28.4	25.9	25.6	41.0	27.4	26.2	27.2	11
12	51.5	51.7	46.7	16.2	24.1	28.4	25.2	22.2	40.9	27.8	26.2	27.5	12
13	50.3	51.9	33.1	16.3	22.0	28.2	24.6	22.4	40.7	28.1	26.3	27.7	13
14	54.8	52.1	32.9	18.5	21.4	28.0	23.4	20.4	40.6	28.5	26.2	28.0	14
15	53.8	52.7	32.7	14.9	21.0	27.8	23.5	19.8	40.3	28.9	26.0	28.5	15
16	53.3	52.6	32.5	24.8	20.9	28.5	22.6	19.2	40.2	29.2	25.8	27.9	16
17	53.3	52.6	32.5	39.7	20.9	27.7	21.9	18.5	39.3	28.1	25.9	31.1	17
18	53.3	53.2	32.5	49.4	20.8	28.4	22.5	17.4	39.1	27.2	26.0	33.7	18
19	53.3	53.5	32.9	48.8	30.9	28.4	23.1	18.7	38.9	26.2	25.9	33.7	19
20	53.3	55.6	32.9	48.3	29.2	28.4	23.8	19.3	38.5	30.4	25.3	33.7	20
21	53.3	57.1	32.9	47.7	29.3	28.3	23.0	19.2	38.3	26.8	26.0	33.8	21
22	53.3	65.9	32.9	49.7	29.2	28.3	22.2	19.4	37.0	27.0	26.6	33.7	22
23	53.0	48.0	32.9	49.5	29.2	28.0	21.1	19.5	35.1	27.3	27.3	33.6	23
24	52.9	26.3	32.5	49.7	29.4	28.3	23.3	19.7	36.1	27.6	27.3	33.7	24
25	52.8	18.2	32.5	49.5	29.5	28.4	22.3	19.8	36.3	28.0	27.3	33.5	25
26	52.8	26.8	32.6	49.3	29.3	24.7	21.3	24.8	36.6	28.3	27.9	33.3	26
27	50.5	33.2	32.6	49.2	28.2	25.6	20.3	27.4	36.8	28.1	29.5	33.3	27
28	50.5	39.5	32.7	42.9	28.7	26.3	19.9	25.0	37.1	26.2	28.4	33.3	28
29	48.8		32.8	38.8	28.8	27.2	20.2	25.3	36.7	26.3	27.3	33.4	29
30	48.1		25.4	38.8	28.7	27.3	20.3	25.7	36.1	26.8	28.8	33.3	30
31	48.7		17.2		28.6		20.3	26.0		27.1		33.3	31
TOTAL	1 613.2	1 366.7	1 482.0	914.3	821.0	841.2	739.4	652.5	1 055.5	885.4	805.6	954.2	TOTAL
MEAN	52.0	48.8	47.8	30.5	26.5	28.0	23.9	21.0	35.2	28.6	26.9	30.8	MEAN
MAX	54.8	65.9	84.9	49.7	38.9	29.2	27.4	27.4	41.7	35.6	29.5	33.8	MAX
MIN	48.1	18.2	17.2	14.4	15.6	24.7	19.9	17.4	25.4	26.2	25.3	26.6	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.2
MAXIMUM DAILY, 84.9 ON MAR 3
MINIMUM DAILY, 14.4 ON APR 6

DRAINAGE AREA, 3 700 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	139 000	JUL	63 900
FEB	118 000	AUG	56 400
MAR	128 000	SEP	91 200
APR	79 000	OCT	76 500
MAY	70 900	NOV	69 600
JUN	72 700	DEC	82 400

TOTAL DISCHARGE, 1 050 000 dam³

REMARKS - DAILY DISCHARGES OBTAINED BY SUMMATION OF FLOWS AT 02EC005, 02EC006, 02EC007 AND 02EC013

SHAMATTAWA RIVER AT OUTLET OF SHAMATTAWA LAKE - STATION NO. 04DC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.60B	5.45B	4.70B	4.00B	4.30B	222	44.2	6.83	12.2	45.0	35.9	10.0 B	1
2	7.45B	5.40B	4.70B	4.00B	4.45B	214	40.6	6.91	13.0	47.1	38.7	9.90B	2
3	7.35B	5.40B	4.65B	3.94B	4.80B	201	34.8	7.10	14.9	48.0	41.9	9.60B	3
4	7.20B	5.35B	4.60B	3.90B	6.00B	188	33.1	7.22	14.5	48.4	43.8	9.40B	4
5	7.05B	5.35B	4.60B	3.90B	8.00B	172	31.1	7.24	14.4	48.1	44.7	9.20B	5
6	7.00B	5.30B	4.60B	3.90B	12.0 B	161	27.9	7.16	14.3	46.5	44.1	9.00B	6
7	6.90B	5.25B	4.55B	3.90B	16.5 B	155	26.4	6.95	13.8	45.5	43.5	8.90B	7
8	6.80B	5.25B	4.55B	3.90B	25.0 B	145	24.3	6.83	13.9	44.5	40.7	8.70B	8
9	6.70B	5.20B	4.55B	3.90B	40.0 B	137	23.3	7.07	14.3	43.2	33.3	8.50B	9
10	6.60B	5.15B	4.50B	3.90B	58.0 B	129	20.5	7.48	14.5	41.9	27.0B	8.40B	10
11	6.50B	5.15B	4.50B	3.90B	86.0 B	121	19.3	9.70	15.5	40.4	24.0B	8.20B	11
12	6.40B	5.10B	4.45B	3.85B	120 B	114	18.6	10.3	15.3	39.1	22.0B	8.00B	12
13	6.30B	5.10B	4.40B	3.85B	180 B	107	15.7	13.0	15.5	37.7	20.5B	7.90B	13
14	6.20B	5.05B	4.40B	3.82B	249	101	13.7	15.0	15.5	36.9	19.3B	7.80B	14
15	6.20B	5.05B	4.40B	3.80B	332	93.7	13.8	13.9	15.4	36.0	18.0B	7.60B	15
16	6.10B	5.00B	4.40B	3.80B	398	91.0	12.9	17.7	15.7	36.4	17.0B	7.50B	16
17	6.05B	5.00B	4.35B	3.80B	407	91.7	12.1	18.4	16.6	35.5	16.0B	7.40B	17
18	6.00B	5.00B	4.35B	3.80B	400	90.4	11.6	17.9	16.4	35.0	15.2B	7.25B	18
19	5.95B	4.95B	4.30B	3.80B	389	84.4	9.46	17.8	14.8	44.6	14.7B	7.10B	19
20	5.90B	4.95B	4.30B	3.80B	381	83.9	9.50	17.0	16.4	47.6	14.2B	7.00B	20
21	5.85B	4.90B	4.25B	3.80B	373	81.4	9.54	16.4	17.2	46.3	13.4B	6.85B	21
22	5.80B	4.90B	4.25B	3.80B	361	77.4	9.47	16.3	18.0	44.6	13.0B	6.75B	22
23	5.75B	4.85B	4.25B	3.85B	350	74.0	9.15	15.0	18.6	43.9	12.4B	6.65B	23
24	5.70B	4.85B	4.20B	3.88B	342	71.8	9.09	17.2	18.0	42.0	12.1B	6.55B	24
25	5.65B	4.80B	4.20B	3.90B	325	67.2	8.24	18.4	15.9	40.6	11.7B	6.45B	25
26	5.60B	4.80B	4.15B	3.95B	311	62.8	7.46	18.6	15.9	39.1	11.3B	6.40B	26
27	5.60B	4.80B	4.15B	3.98B	289	59.6	7.14	18.5	17.1	36.4	11.0B	6.30B	27
28	5.60B	4.75B	4.10B	4.02B	269	54.2	7.30	18.7	20.7	35.7	10.7B	6.25B	28
29	5.55B		4.05B	4.10B	251	49.9	7.29	17.7	33.0	33.9	10.5B	6.10B	29
30	5.55B		4.05B	4.20B	240	47.3	6.57	15.2	41.5	33.7	10.3B	6.00B	30
31	5.51B		4.05B		230		6.53	15.2		34.2		5.95B	31
TOTAL	194.41	142.10	135.55	116.94	6 462.05	3 347.7	530.64	488.69	512.8	1 277.8	690.9	237.60	TOTAL
MEAN	6.27	5.08	4.37	3.90	208	112	17.1	13.2	17.1	41.2	23.0	7.66	MEAN
MAX	7.60	5.45	4.70	4.20	407	222	44.2	18.7	41.5	48.4	44.7	10.0	MAX
MIN	5.51	4.75	4.05	3.80	4.30	47.3	6.53	6.83	12.2	33.7	10.3	5.95	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38.5
MAXIMUM DAILY, 407 ON MAY 17
MINIMUM DAILY, 3.80B ON APR 15
MAXIMUM INSTANTANEOUS,
410 AT 19:59 EST ON MAY 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 17 00 N
LONG 85 39 00 W
DRAINAGE AREA, 4 710 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 800	JUL	45 800
FEB	12 300	AUG	35 300
MAR	11 700	SEP	44 300
APR	10 100	OCT	110 000
MAY	558 000	NOV	59 700
JUN	289 000	DEC	20 500

TOTAL DISCHARGE, 1 210 000 dam³

SHEBANDOWAN RIVER AT OUTLET OF SHEBANDOWAN LAKE - STATION NO. 02AB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.35	3.01	2.81	2.36	25.5	0	5.96	0.150E	0.150E	0.150E	0.150E	0.150E	1
2	3.33	3.01	2.80	2.25	26.0	0	5.92	0.150E	0.150E	0.150E	0.150E	0.150E	2
3	3.31	3.01	2.78	1.07	26.6	0	4.23	0.150E	0.150E	0.150E	0.150E	0.150E	3
4	3.29	3.01	2.77	0	26.0	0	2.30	0.150E	0.150E	0.150E	0.150E	0.150E	4
5	3.28	3.01	2.76	0	25.5	9.00	2.23	0.150E	0.150E	0.150E	0.150E	0.150E	5
6	3.27	3.01	2.75	0	26.2	20.5	2.23	0.150E	0.150E	0.150E	0.150E	0.150E	6
7	3.26	3.01	2.74	0	27.5	19.4	2.23	0.150E	0.150E	0.150E	0.150E	2.04	7
8	3.25	3.01	2.73	0	28.4	18.7	2.20	0.150E	0.150E	0.150E	0.150E	3.44	8
9	3.24	3.00	2.73	0	28.2	18.0	2.18	0.150E	0.150E	0.150E	0.150E	3.44	9
10	3.23	2.99	2.73	0	28.0	13.4	2.16	0.150E	0.150E	0.150E	0.150E	3.43	10
11	3.22	2.98	2.73	0	27.7	6.10	2.12	0.150E	0.150E	0.150E	0.150E	3.41	11
12	3.21	2.97	2.73	0	27.3	6.13	2.09	0.150E	0.150E	0.150E	0.150E	3.39	12
13	3.20	2.96	2.73	0	26.9	6.10	0.980	0.150E	0.150E	0.150E	0.150E	3.37	13
14	3.19	2.95	2.73	0	26.5	6.19	0	0.150E	0.150E	0.150E	0.150E	3.35	14
15	3.18	2.94	2.73	0	25.8	6.14	0	0.150E	0.150E	0.150E	0.150E	3.33	15
16	3.17	2.93	2.72	0	25.4	6.10	0	0.150E	0.150E	0.150E	0.150E	3.31	16
17	3.16	2.92	2.71	0	25.1	6.10	0	0.150E	0.150E	0.150E	0.150E	3.29	17
18	3.15	2.91	2.70	0	24.4	6.10	0	0.150E	0.150E	0.150E	0.150E	3.27	18
19	3.13	2.90	2.69	0.600	18.7	6.19	0	0.150E	0.150E	0.150E	0.150E	3.25	19
20	3.11	2.89	2.68	0.720	10.9	6.28	0	0.150E	0.150E	0.150E	0.150E	3.23	20
21	3.09	2.88	2.67	0.840	10.8	6.37	0	0.150E	0.150E	0.150E	0.150E	3.23	21
22	3.07	2.87	2.66	0.960	6.21	6.28	0	0.150E	0.150E	0.150E	0.150E	3.23	22
23	3.05	2.87	2.66	1.08	0.150	6.19	0	0.150E	0.150E	0.150E	0.150E	3.23	23
24	3.03	2.86	2.66	1.39	0.150	6.15	0	0.150E	0.150E	0.150E	0.150E	3.20	24
25	3.01	2.85	2.66	1.70	0.150	6.11	0	0.150E	0.150E	0.150E	0.150E	3.16	25
26	3.01	2.84	2.66	2.00	0.150	6.07	0	0.150E	0.150E	0.150E	0.150E	3.13	26
27	3.01	2.83	2.66	11.2	0.150	6.04	0	0.150E	0.150E	0.150E	0.150E	3.09	27
28	3.01	2.82	2.66	27.3	0.150	6.01	0	0.150E	0.150E	0.150E	0.150E	3.08	28
29	3.01		2.66	25.5	0.150	6.01	0	0.150E	0.150E	0.150E	0.150E	3.07	29
30	3.01		2.56	26.2	0.150	6.01	0	0.150E	0.150E	0.150E	0.150E	3.06	30
31	3.01		2.46		0.150		0	0.150E		0.150E		3.05	31
TOTAL	97.84	82.24	83.72	105.170	524.960	221.67	36.830	4.650	4.500	4.650	4.500	80.980	TOTAL
MEAN	3.16	2.94	2.70	3.51	16.9	7.39	1.19	0.150	0.150	0.150	0.150	2.61	MEAN
MAX	3.35	3.01	2.81	27.3	28.4	20.5	5.96	0.150	0.150	0.150	0.150	3.44	MAX
MIN	3.01	2.82	2.46	0	0.150	0	0	0.150	0.150	0.150	0.150	0.150	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.83
MAXIMUM DAILY, 28.4 ON MAY 8
MINIMUM DAILY, 0 ON APR 4

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 37 11 N
LONG 90 03 42 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 450	JUL	3 180
FEB	7 110	AUG	402
MAR	7 230	SEP	389
APR	9 090	OCT	402
MAY	45 400	NOV	389
JUN	19 200	DEC	7 000

DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED
REGULATED SINCE 1924

TOTAL DISCHARGE, 108 800 dam³

SHEBANDOWAN RIVER AT SUNSHINE - STATION NO. 02AB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.2 B	9.95B	10.3 B	34.7B	74.0	27.0	32.4	9.85	4.13	3.73	8.49	5.32	1
2	10.1 B	9.89B	10.1 B	41.0B	71.2	47.8	30.0	9.50	3.95	4.06	8.40	5.40	2
3	10.0 B	9.80B	9.90B	50.7B	85.2	66.2	28.3	9.27	3.94	4.03	8.16	5.41	3
4	10.0 B	9.75B	9.79B	45.6	92.8	67.6	23.9	9.22	3.76	4.14	7.91	5.35	4
5	9.97B	9.69B	9.55B	41.3	90.3	58.8	22.4	9.08	3.65	4.23	7.64	5.31	5
6	9.94B	9.62B	9.50B	37.2	84.1	64.7	21.2	7.07	3.66	4.49	7.39	5.09	6
7	9.90B	9.59B	9.40B	38.9	77.2	58.7	20.3	4.85	3.93	4.76	7.13	5.40	7
8	9.80B	9.53B	9.41B	53.7	72.4	59.9	19.6	4.83	3.90	5.10	7.00	5.80	8
9	9.75B	9.47B	9.50B	65.1	68.4	63.3	19.7	5.07	3.76	5.35	6.74	6.41B	9
10	9.70B	9.40B	9.80B	81.9	67.0	64.3	18.7	5.84	3.77	5.51	6.53	7.00B	10
11	9.65B	9.39B	10.2 B	100	65.4	55.7	17.7	6.13	3.67	5.63	6.36	7.20B	11
12	9.60B	9.30B	10.3 B	92.9	62.9	50.1	17.1	6.04	3.61	5.75	6.08	7.25B	12
13	9.58B	9.25B	10.3 B	90.2	60.3	45.2	16.4	5.56	3.53	5.79	5.99	7.25B	13
14	9.55B	9.20B	10.2 B	90.2	57.9	46.3	13.9	5.28	3.45	6.09	5.99	7.20B	14
15	9.55B	9.27B	10.0 B	82.1	55.4	47.3	12.7	5.02	3.38	8.97	5.89	7.17B	15
16	9.57B	9.45B	9.95B	79.0	52.5	45.3	12.3	4.77	3.37	10.1	5.90	7.10B	16
17	9.65B	9.70B	9.95B	90.4	50.8	41.6	12.1	4.59	3.39	10.4	6.06	7.06B	17
18	10.2 B	10.2 B	10.1 B	95.8	48.9	39.0	12.1	4.43	3.33	13.0	6.08	7.02B	18
19	10.5 B	10.8 B	10.2 B	86.6	47.1	35.8	11.8	4.33	3.31	15.4	5.89	7.00B	19
20	10.7 B	11.3 B	10.3 B	76.0	39.4	33.7	11.6	4.27	3.27	15.6	5.71	6.97B	20
21	10.7 B	11.5 B	10.6 B	66.2	37.1	33.5	11.5	4.20	3.21	14.7	5.78	6.93B	21
22	10.6 B	11.6 B	11.1 B	59.7	35.2	32.6	11.3	4.13	3.17	13.3	5.47	6.90B	22
23	10.5 B	11.7 B	12.0 B	61.0	25.6	31.5	11.0	4.12	3.20	11.9	5.11	6.85B	23
24	10.4 B	11.6 B	13.2 B	69.5	22.8	31.4	10.8	3.99	3.26	10.6	5.08	6.80B	24
25	10.4 B	11.5 B	14.7 B	67.9	31.2	34.0	11.1	3.98	3.23	9.79	5.22	6.75B	25
26	10.3 B	11.3 B	16.3 B	63.5	38.8	34.9	10.7	3.97	3.33	8.72	5.25	6.71B	26
27	10.2 B	11.0 B	18.0 B	60.9	37.4	33.1	10.5	3.87	3.51	8.67	5.37	6.68B	27
28	10.2 B	10.7 B	20.5 B	78.5	33.7	31.9	10.4	3.76	3.46	8.17	5.52	6.65B	28
29	10.1 B		23.2 B	79.0	31.1	32.9	10.5	3.74	3.28	7.87	5.49	6.61B	29
30	10.0 B		25.9 B	76.8	30.0	33.9	10.2	3.76	3.25	7.93	5.41	6.58B	30
31	10.0 B		30.0 B		28.1		10.0	3.84		8.25		6.55B	31
TOTAL	311.31	285.45	394.25	2 056.3	1 674.2	1 348.0	492.2	168.36	105.66	252.03	189.04	201.74	TOTAL
MEAN	10.0	10.2	12.7	68.5	54.0	44.9	15.9	5.43	3.52	8.13	6.30	6.51	MEAN
MAX	10.7	11.7	30.0	100	92.8	67.6	32.4	9.85	4.13	15.6	8.49	7.25	MAX
MIN	9.55	9.20	9.40	34.7	22.8	27.0	10.0	3.74	3.17	3.73	5.08	5.09	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.5
MAXIMUM DAILY, 100 ON APR 11
MINIMUM DAILY, 3.17 ON SEP 22
MAXIMUM INSTANTANEOUS,
101 AT 17:03 EST ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 33 20 W
LONG 89 40 55 W
DRAINAGE AREA, 2 800 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	26 900	JUL	42 500
FEB	24 700	AUG	14 500
MAR	34 100	SEP	9 130
APR	178 000	OCT	21 800
MAY	145 000	NOV	16 300
JUN	116 000	DEC	17 400

TOTAL DISCHARGE, 646 000 dam³

SHERAK RIVER AT HIGHWAY NO. 11 - STATION NO. 0AJC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.5 B	8.80B	13.9B	17.8B	97.7	59.4	36.2	8.67	2.96	3.19	8.48	9.10B	1
2	12.4 B	8.75B	13.8B	23.0B	101	57.8	37.2	8.51	2.96	3.08	8.84	9.20B	2
3	12.2 B	8.73B	13.6B	26.0B	107	55.9	36.9	8.03	2.90	3.00	9.00	9.25B	3
4	12.0 B	8.70B	13.4B	28.5B	116	54.6	35.4	7.43	2.85	2.93	9.07	9.30B	4
5	11.8 B	8.60B	13.2B	31.0B	131	54.0	33.6	6.94	2.83	3.03	8.93	9.40B	5
6	11.7 B	8.60B	13.0B	35.0B	148	52.2	32.1	6.11	2.85	3.25	9.12	9.40B	6
7	11.6 B	8.50B	12.8B	40.0B	159	49.6	30.1	5.92	2.75	3.63	9.27	9.40B	7
8	11.4 B	8.40B	12.7B	50.0B	165	50.4	28.4	5.68	2.84	3.65	9.40	9.50B	8
9	11.3 B	8.40B	12.4B	60.0B	166	52.2	26.0	5.57	3.07	3.67	9.70	9.50B	9
10	11.2 B	8.35B	12.3B	67.0B	162	51.5	23.7	5.80	3.14	3.94	9.82	9.50B	10
11	11.0 B	8.30B	12.1B	71.0B	159	49.6	22.1	5.72	3.20	4.07	9.96	9.60B	11
12	10.9 B	8.20B	12.0B	75.0B	152	48.1	20.0	5.49	3.32	4.14	10.1	9.60B	12
13	10.8 B	8.15B	11.8B	79.0B	144	45.8	18.8	5.35	3.38	4.22	10.1	9.65B	13
14	10.7 B	8.10B	11.7B	85.0B	136	44.6	17.4	5.02	3.59	4.36	9.90	9.65B	14
15	10.5 B	8.05B	11.6B	89.0B	128	46.0	16.3	4.78	3.57	4.64	9.85	9.68B	15
16	10.3 B	8.05B	11.5B	92.0B	119	50.0	15.4	4.81	3.58	4.59	9.51	9.70B	16
17	10.2 B	8.30B	11.3B	94.0B	112	51.7	13.9	4.60	3.51	4.46	9.36	9.70B	17
18	10.1 B	9.00B	11.2B	96.0B	104	52.5	13.1	4.44	3.51	5.25	9.42	9.70B	18
19	10.0 B	10.3 B	11.1B	97.0B	96.4	51.9	12.5	4.38	3.49	6.50	9.47	9.70B	19
20	9.90B	11.0 B	11.0B	94.0B	90.2	48.2	11.9	4.16	3.59	6.76	8.72	9.70B	20
21	9.80B	11.7 B	10.9B	91.0B	84.2	45.9	11.4	3.87	3.47	7.27	8.53	9.60B	21
22	9.70B	12.2 B	10.8B	91.1	78.5	43.5	11.0	3.77	3.36	7.28	8.55B	9.60B	22
23	9.60B	12.8 B	10.7B	87.9	73.3	40.9	10.5	3.49	3.30	7.62	8.65B	9.60B	23
24	9.50B	13.3 B	10.7B	86.3	67.7	38.5	10.1	3.42	3.22	7.72	8.70B	9.60B	24
25	9.40B	13.7 B	10.7B	85.1	65.2	35.7	9.71	3.32	3.20	7.51	8.80B	9.60B	25
26	9.30B	13.9 B	10.7B	84.5	66.1	33.9	9.78	3.08	3.27	7.75	8.90B	9.50B	26
27	9.20B	14.1 B	10.8B	85.7	66.2	33.0	9.49	3.06	3.29	8.04	9.00B	9.40B	27
28	9.10B	14.2 B	10.9B	88.4	64.7	32.5	9.46	3.04	3.29	7.99	9.00B	9.40B	28
29	9.00B		11.3B	91.3	61.9	33.0	9.31	2.93	3.41	7.69	9.00B	9.30B	29
30	9.00B		13.0B	94.2	61.4	34.3	9.12	2.92	3.41	7.67	9.05B	9.30B	30
31	8.90B		16.0B		60.9		8.95	2.91		7.93		9.30B	31
TOTAL	325.00	279.18	372.9	2 135.8	3 343.4	1 397.2	589.82	153.22	97.11	166.83	276.20	294.43	TOTAL
MEAN	10.5	9.97	12.0	71.2	108	46.6	19.0	4.94	3.24	5.38	9.21	9.50	MEAN
MAX	12.5	14.2	16.0	97.0	166	59.4	37.2	8.67	3.59	8.04	10.1	9.70	MAX
MIN	8.90	8.05	10.7	17.8	60.9	32.5	8.95	2.91	2.75	2.93	8.48	9.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.8
MAXIMUM DAILY, 166 ON MAY 9
MINIMUM DAILY, 2.75 ON SEP 7
MAXIMUM INSTANTANEOUS,
167 AT 15:52 EST ON MAY 8

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 45 20 N
LONG 84 24 24 W
DRAINAGE AREA, 3 290 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	28 100	JUL	51 000
FEB	24 100	AUG	13 200
MAR	32 200	SEP	8 390
APR	185 000	OCT	14 400
MAY	289 000	NOV	23 900
JUN	121 000	DEC	25 400

TOTAL DISCHARGE, 816 000 dam³

SHELTER VALLEY BROOK NEAR GRAFTON - STATION NO. 02HD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.430B	0.700B	1.09	0.879	0.665	0.542	0.479	0.362	0.403	0.511	0.616	0.586	1
2	0.430B	0.690B	0.911B	0.820	0.635	0.501	0.415	0.350	0.916	0.521	0.582	0.688	2
3	0.430B	0.655B	0.861B	0.753	0.618	0.511	0.408	0.352	0.702	0.503	0.559	0.661	3
4	0.430B	0.630B	0.817	0.757	0.604	0.524	0.395	0.434	2.44	0.484	0.557	0.605	4
5	0.435B	0.600B	0.816	0.797	0.585	0.483	0.561	0.418	1.13	0.490	0.539	0.583	5
6	0.437B	0.580B	0.816	0.718	0.607	0.471	0.478	0.367	0.858	0.750	0.624	0.530B	6
7	0.437B	0.560B	0.800	0.650	0.553	0.438	0.419	0.340	0.748	0.766	0.647	0.550B	7
8	0.438B	0.540B	0.818	0.637	0.542	0.469	0.377	0.393	0.971	0.600	0.582	0.578	8
9	0.439B	0.520B	0.832	0.631	0.533	0.458	0.371	0.419	0.841	0.526	0.556	0.845B	9
10	0.440B	0.500B	0.818	0.631	0.614	0.512	0.354	0.398	0.644	0.571	0.529	0.700B	10
11	0.441B	1.30 B	0.815	0.759	1.11	0.540	0.383	0.523	0.585	0.503	0.546	0.620B	11
12	0.441B	1.65 B	0.799	0.689	1.03	0.483	0.332	0.484	0.556	0.467	0.505	0.520B	12
13	0.442B	1.35 B	0.790	0.636	0.826	0.466	0.337	0.428	0.516	0.477	0.486	0.505B	13
14	0.442B	1.20 B	0.781	1.03	0.721	0.539	0.317	0.396	0.488	0.466	0.508	0.490B	14
15	0.443B	1.10 B	0.741	0.949	0.673	0.494	0.319	0.955	0.472	0.472	0.514	0.470B	15
16	0.443B	1.60 B	0.720B	0.769	0.677	0.469	0.311	0.729	0.458	0.489	0.727	0.450B	16
17	0.448B	2.50 B	0.718B	0.798	0.609	0.437	0.314	0.516	0.518	0.451	1.32	0.440B	17
18	0.451B	3.65 B	0.710B	1.75	0.541	0.411	0.407	0.449	0.574	1.05	0.824	0.433B	18
19	0.457B	8.24 B	0.705B	0.924	0.490	0.415	0.393	0.395	0.551	0.763	0.660	0.430B	19
20	0.460B	11.7 B	0.705B	0.765	0.492	0.433	0.496	0.417	0.500	0.605	0.886	0.427B	20
21	0.465B	6.62 B	0.735B	0.683	0.447	0.458	0.462	0.394	0.485	0.586	0.917	0.425B	21
22	0.470B	2.80 B	0.790	0.724	0.449	0.799	0.406	0.411	0.684	0.747	0.737	0.520B	22
23	0.475B	8.23 B	0.840	0.890	0.468	0.652	0.370	0.368	0.558	0.869	0.652	0.700B	23
24	0.480B	5.32	0.843	0.988	0.488	0.522	0.336	0.374	0.493	0.739	0.599	0.640B	24
25	0.485B	1.81	0.831	0.928	0.450	0.476	0.332	0.383	0.460	0.602	0.533	0.590B	25
26	0.600B	1.41	0.786	0.835	0.447	0.447	0.407	0.388	0.470	0.680	0.514	0.560B	26
27	0.565B	1.21	0.813	0.794	0.496	0.416	0.414	0.395	0.606	1.49	0.790	0.540B	27
28	0.540B	1.12	0.774	0.717	1.18	0.385	0.642	0.386	0.532	1.12	0.697	0.520B	28
29	0.525B		0.763	0.734	0.743	0.383	0.712	0.384	0.537	0.767	0.612	0.505	29
30	0.515B		1.06	0.727	0.805	0.401	0.473	0.419	0.478	0.690	0.564	0.493	30
31	0.500B		1.18		0.671		0.398	0.458		0.635		0.500	31
TOTAL	18.434	68.785	25.478	24.362	19.769	14.535	12.778	13.485	20.174	20.390	19.382	17.104	TOTAL
MEAN	0.466	2.46	0.822	0.812	0.638	0.485	0.412	0.435	0.672	0.658	0.646	0.552	MEAN
MAX	0.600	11.7	1.18	1.75	1.18	0.799	0.712	0.955	2.44	1.49	1.32	0.845	MAX
MIN	0.430	0.500	0.705	0.631	0.447	0.383	0.311	0.340	0.403	0.451	0.486	0.425	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.742
MAXIMUM DAILY, 11.7B ON FEB 20
MINIMUM DAILY, 0.311 ON JUL 16

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 59 31 N
LONG 78 00 07 W
DRAINAGE AREA, 64.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 250	JUL	1 100
FEB	5 940	AUG	1 170
MAR	2 200	SEP	1 740
APR	2 100	OCT	1 760
MAY	1 710	NOV	1 670
JUN	1 260	DEC	1 480

TOTAL DISCHARGE, 23 400 dam³

SKOOTAMATTA RIVER NEAR ACTINOLITE - STATION NO. 02HL004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.25B	2.19B	64.3	12.6	8.31	7.74	4.26	1.24	1.15	5.64	25.9	10.0	1
2	5.30B	2.23B	56.1	12.6	7.61	6.66	4.15	1.14	1.41	5.43	24.7	10.1	2
3	4.84B	2.22B	49.8	12.3	7.06	6.06	3.98	1.16	1.57	5.41	22.2	10.6	3
4	4.48B	2.21B	44.7	12.4	6.39	9.06	3.94	1.22	2.87	5.19	19.9	10.5	4
5	4.12B	2.19B	39.2	13.2	5.89	11.8	6.27	1.68	16.8	5.05	17.7	10.3	5
6	3.86B	2.16B	35.1	13.5	5.60	12.3	6.87	1.92	24.4	5.10	16.3	9.86	6
7	3.58B	2.15B	31.7	13.3	5.27	10.8	5.64	1.60	16.9	5.59	16.9	8.69	7
8	3.50B	2.14B	28.7	12.5	5.23	8.86	4.39	1.42	12.4	5.78	16.6	8.54	8
9	3.27B	2.12B	26.0	11.5	4.38	7.87	3.72	2.20	13.0	5.38	15.2	8.11	9
10	3.10B	2.10B	23.5	11.1	3.83	7.30	3.26	2.22	14.6	4.98	14.2	8.22	10
11	2.92B	3.38B	21.2	10.9	5.54	6.44	2.63	1.98	24.0	4.35	13.2	8.14	11
12	2.83B	7.31B	19.1	10.4	11.9	5.75	2.66	1.88	19.8	3.86	12.3	8.04	12
13	2.75B	13.4 B	17.6	10.4	15.2	5.14	2.62	1.65	13.9	3.75	11.7	7.66	13
14	2.71B	15.0 B	16.0	10.7	14.1	4.61	2.40	1.34	9.75	3.68	10.9	7.51	14
15	2.65B	15.0 B	14.8	12.4	12.4	4.38	2.07	1.80	7.76	3.62	10.8	7.44	15
16	2.58B	14.6 B	14.0	12.7	11.5	4.41	1.66	4.70	6.82	3.56	10.6	7.37	16
17	2.54B	15.5 B	13.3	11.8	10.8	6.87	1.43	4.04	6.33	3.12	10.3	6.35	17
18	2.52B	19.2 B	11.6	12.2	9.93	6.89	1.24	3.02	6.40	3.08	9.94	6.25B	18
19	2.48B	26.6 B	12.1	12.6	8.99	5.63	1.51	2.26	7.12	5.39	9.49	6.21	19
20	2.46B	43.9 B	11.2	11.6	7.89	4.80	1.43	1.67	8.16	7.09	9.52	6.29	20
21	2.44B	78.4	10.4	10.5	6.96	4.34	1.28	1.28	8.59	6.55	10.5	6.21	21
22	2.42B	88.3	10.2	9.53	6.08	5.10	1.13	1.02	8.37	7.34	11.6	6.36	22
23	2.38B	89.2 B	10.4	8.68	5.28	12.6	1.08	0.861	8.68	9.22	10.9	6.55	23
24	2.37B	119 B	10.7	8.92	4.58	13.0	0.992	0.799	8.24	11.7	9.97	7.01	24
25	2.37B	130	11.0	9.99	4.39	10.0	0.858	0.765	7.48	11.5	9.53	6.91	25
26	2.41B	101	11.3	9.92	4.28	8.47	0.813	0.730	6.86	11.4	9.26	6.67	26
27	2.41B	84.1	10.5	9.39	4.44	7.13	0.776	0.733	7.14	15.0	10.1	6.42	27
28	2.36B	74.2	9.76	8.84	7.10	5.94	0.814	0.737	7.52	25.8	12.3	6.41	28
29	2.31B		8.85	8.48	11.2	5.06	0.935	0.789	6.89	30.0	12.3	6.47	29
30	2.26B		9.29	8.72	10.7	4.53	0.954	0.855	6.27	28.3	10.9	6.28	30
31	2.23B		11.9		9.45		1.10	1.09		26.6		6.25	31
TOTAL	94.70	959.80	664.30	333.67	242.28	219.54	76.862	49.799	291.18	278.46	405.71	237.72	TOTAL
MEAN	3.05	34.3	21.4	11.1	7.82	7.32	2.48	1.61	9.71	8.98	13.5	7.67	MEAN
MAX	6.25	130	64.3	13.5	15.2	13.0	6.87	4.70	24.4	30.0	25.9	10.6	MAX
MIN	2.23	2.10	8.85	8.48	3.83	4.34	0.776	0.730	1.15	3.08	9.26	6.21	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.6
MAXIMUM DAILY, 130 ON FEB 25
MINIMUM DAILY, 0.730 ON AUG 26
MAXIMUM INSTANTANEOUS,
139 AT 02:50 EST ON FEB 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 32 58 N
LONG 77 19 45 W
DRAINAGE AREA, 712 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 180	JUL	6 640
FEB	82 900	AUG	4 300
MAR	57 400	SEP	25 200
APR	28 800	OCT	24 100
MAY	20 900	NOV	35 100
JUN	19 000	DEC	20 500

TOTAL DISCHARGE, 333 000 dam³

SOPER CREEK AT BOWMANVILLE - STATION NO. 02HD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.320B	0.330B	1.78	1.25	0.595	0.528	1.11	0.332	0.347	0.432	0.895	0.872	1
2	0.315B	0.420B	1.20 B	1.05	0.555	0.466	0.610	0.323	0.396	0.467	0.832	1.04 B	2
3	0.310B	0.390B	1.15 B	0.919	0.534	0.505	0.470	0.329	0.378	0.441	0.756	0.880B	3
4	0.307B	0.370B	1.09 B	0.920	0.525	0.507	0.411	0.368	2.00	0.421	0.742	0.762B	4
5	0.304B	0.360B	1.05 B	0.909	0.518	0.457	0.586	1.31	1.63	0.432	0.695	0.680B	5
6	0.300B	0.340B	1.02 B	0.813	0.532	0.399	0.598	0.426	4.07	1.19	0.921	0.620B	6
7	0.296B	0.330B	1.00 B	0.721	0.491	0.361	0.429	0.347	1.61	1.12	0.904	0.560B	7
8	0.294B	0.322B	1.08	0.688	0.493	0.400	0.356	0.372	1.17	0.780	0.754	0.605B	8
9	0.292B	0.318B	1.08	0.726	0.495	0.416	0.390	0.394	0.914	0.602	0.675	0.680B	9
10	0.290B	0.312B	1.08	0.698	0.587	0.448	0.337	0.348	0.670	0.529	0.653	0.590B	10
11	0.288B	2.10 B	1.04	0.716	1.27	0.489	0.322	0.465	0.571	0.520	0.673	0.535B	11
12	0.286B	2.60 B	0.977	0.720	1.28	0.427	0.301	0.615	0.490	0.523	0.636	0.505B	12
13	0.284B	2.20 B	0.910B	0.647	0.848	0.417	0.298	0.390	0.456	0.490	0.623	0.485B	13
14	0.283B	1.95 B	0.864B	1.79	0.697	0.415	0.272	0.359	0.441	0.471	0.651	0.465B	14
15	0.282B	1.80 B	0.840B	1.33	0.679	0.421	0.299	1.40	0.458	0.472	0.671	0.450B	15
16	0.282B	2.45 B	0.820B	0.907	0.652	0.436	0.290	1.03	0.428	0.500	1.15	0.444B	16
17	0.282B	3.30 B	0.795B	1.14	0.574	0.722	0.290	0.465	0.409	0.498	1.84	0.435B	17
18	0.282B	4.50 B	0.770B	1.43	0.520	0.411	0.329	0.381	0.408	2.00	1.24	0.430B	18
19	0.282B	7.98 B	0.760B	0.905	0.491	0.377	0.337	0.351	0.414	1.32	1.02	0.425B	19
20	0.282B	23.3 B	0.740B	0.774	0.451	0.378	0.460	0.350	0.405	0.819	1.81	0.420B	20
21	0.282B	9.63 B	0.725B	0.654	0.429	0.427	0.413	0.320	0.417	0.746	2.29	0.415B	21
22	0.283B	4.80 B	0.732	0.640	0.441	0.959	0.351	0.323	0.618	1.57	1.51	0.410B	22
23	0.283B	9.49 B	0.770	0.732	0.446	0.684	0.333	0.315	0.475	2.37	1.16	0.480B	23
24	0.284B	5.08 B	0.799	0.934	0.414	0.470	0.288	0.350	0.405	1.33	1.00	0.560B	24
25	0.285B	2.41 B	0.808	0.849	0.443	0.431	0.283	0.331	0.387	0.913	0.862	0.545B	25
26	0.345B	2.28 B	0.797	0.717	0.484	0.431	0.331	0.326	0.423	1.09	0.803	0.530B	26
27	0.330B	2.18	0.860	0.665	0.540	0.388	0.367	0.330	0.500	2.69	1.72	0.520B	27
28	0.320B	1.97	0.832	0.624	1.49	0.344	0.660	0.368	0.422	3.13	1.28	0.510B	28
29	0.310B		0.840	0.711	0.879	0.343	0.672	0.369	0.392	1.46	1.02	0.500B	29
30	0.300B		2.03	0.665	0.820	0.345	0.402	0.337	0.384	1.11	0.852	0.495B	30
31	0.295B		1.94		0.662		0.344	0.348		0.961		0.490B	31
TOTAL	9.178	93.512	31.179	26.244	19.835	13.802	12.939	14.072	22.088	31.397	30.638	17.338	TOTAL
MEAN	0.296	3.34	1.01	0.875	0.640	0.460	0.417	0.454	0.736	1.01	1.02	0.559	MEAN
MAX	0.345	23.3	2.03	1.79	1.49	0.959	1.11	1.40	4.07	3.13	2.29	1.04	MAX
MIN	0.282	0.312	0.725	0.624	0.414	0.343	0.272	0.315	0.347	0.421	0.623	0.410	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.883
MAXIMUM DAILY, 23.3B ON FEB 20
MINIMUM DAILY, 0.272 ON JUL 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 54 08 N
LONG 78 40 21 W
DRAINAGE AREA, 77.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	793	JUL	1 120
FEB	8 080	AUG	1 220
MAR	2 690	SEP	1 910
APR	2 270	OCT	2 710
MAY	1 710	NOV	2 650
JUN	1 190	DEC	1 500

TOTAL DISCHARGE, 27 800 dam³

SOUTH BRANCH MUSKOKA RIVER AT BAYSVILLE - STATION NO. 02EB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.2	20.7	76.5	46.3	17.4	19.6	11.1	2.73	27.5	38.3	31.1	13.5	1
2	23.5	23.1	75.9	50.5	13.8	19.3	11.0	2.64	45.1	39.6	29.9	15.7	2
3	23.0	26.3	75.6	45.4	13.8	18.0	10.8	2.62	65.2	40.2	29.0	18.6	3
4	22.5	26.3	75.0	39.9	12.3	13.8	10.8	2.66	75.2	39.4	28.3	18.8	4
5	22.2	27.3	74.2	42.7	11.0	14.0	11.0	2.94	81.1	39.7	18.2	18.9	5
6	22.9	26.2	72.8	40.4	11.4	14.3	10.8	2.86	81.2	39.4	11.3	18.6	6
7	24.2	25.8	70.5	31.6	11.3	14.7	8.14	2.90	81.2	41.2	11.6	18.4	7
8	23.2	25.3	68.3	33.3	11.2	14.2	5.24	2.98	81.1	42.4	11.6	18.6	8
9	22.7	24.5	66.8	33.2	11.2	14.5	4.99	3.44	80.6	40.5	11.7	18.2	9
10	22.7	23.7	64.6	28.5	11.6	14.2	4.99	3.57	80.6	38.0	11.6	18.0	10
11	22.7	25.8	62.4	28.9	12.3	14.0	4.94	3.66	80.6	37.8	11.6	18.0	11
12	22.7	28.1	59.8	29.7	19.3	13.0	4.90	3.66	80.6	37.2	11.6	17.5	12
13	22.5	30.5	57.4	28.9	24.8	12.5	4.82	3.70	80.9	36.9	11.5	17.3	13
14	21.9	29.8	56.1	26.8	25.5	12.5	5.04	3.79	80.9	32.8	11.6	17.0	14
15	21.2	29.3	53.8	28.3	25.8	12.1	4.90	4.12	79.1	29.9	11.6	17.1	15
16	21.0	28.7	52.2	28.9	26.6	11.9	4.82	4.35	79.1	30.2	11.6	17.0	16
17	20.7	30.9	50.8	29.9	27.1	11.8	4.23	4.42	77.2	30.1	11.9	16.8	17
18	20.2	35.2	48.9	30.6	27.1	11.8	2.98	4.35	73.1	31.3	11.9	16.6	18
19	19.7	34.4	46.6	31.6	32.5	11.6	2.98	4.42	70.2	31.9	11.9	16.3	19
20	19.4	36.5	45.3	32.4	38.3	11.4	2.94	4.42	68.6	38.7	12.0	16.0	20
21	19.1	37.7	43.1	32.2	37.7	11.2	2.98	4.52	55.7	43.7	12.5	15.6	21
22	18.6	38.6	40.8	31.9	36.9	11.4	2.94	4.47	47.6	43.3	12.5	15.7	22
23	18.4	52.8	39.4	31.9	36.1	14.9	2.90	4.52	42.7	43.0	12.5	15.9	23
24	18.4	62.7	38.3	31.1	35.2	17.1	2.84	4.59	34.9	42.4	12.3	15.6	24
25	18.3	66.1	36.9	30.5	29.4	17.0	2.79	4.56	32.3	42.0	12.3	15.7	25
26	18.0	72.1	31.2	29.4	24.8	14.1	2.75	4.52	32.4	41.8	12.3	15.9	26
27	17.6	75.0	27.6	22.6	24.8	11.2	2.75	4.52	32.7	40.5	12.5	15.8	27
28	17.5	75.4	27.1	18.9	23.0	11.0	2.75	4.52	32.9	35.8	12.9	15.6	28
29	18.4		26.8	19.6	20.0	10.6	2.75	4.52	34.1	32.2	13.4	15.6	29
30	20.1		28.3	19.3	19.8	10.9	2.79	5.07	38.6	31.9	13.3	15.4	30
31	21.0		37.5		20.0		2.75	6.58		31.6		15.5	31
TOTAL	648.5	1 038.8	1 630.5	955.2	692.0	408.6	162.51	122.81	1 853.0	1 163.7	438.0	519.2	TOTAL
MEAN	20.9	37.1	52.6	31.8	22.3	13.6	5.24	3.96	61.8	37.5	14.6	16.7	MEAN
MAX	24.2	75.4	76.5	50.5	38.3	19.6	11.1	6.58	81.2	43.7	31.1	18.9	MAX
MIN	17.5	20.7	26.8	18.9	11.0	10.6	2.75	2.62	27.5	29.9	11.3	13.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 26.4
MAXIMUM DAILY, 81.2 ON SEP 6
MINIMUM DAILY, 2.62 ON AUG 3

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 45 08 50 N
LONG 79 06 50 W
DRAINAGE AREA, 1 390 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	56 000	JUL	14 000
FEB	89 800	AUG	10 600
MAR	141 000	SEP	160 000
APR	82 500	OCT	101 000
MAY	59 800	NOV	37 800
JUN	35 300	DEC	44 900

TOTAL DISCHARGE, 833 000 dam³

SOUTH CASTOR RIVER AT KENMORE - STATION NO. 02LB020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.435B	0.370B	6.26	3.44	1.43	1.41	1.28	0.286	0.368	2.83	6.42	2.30 B	1
2	0.418B	0.420B	5.81	4.46	1.24	1.06	1.48	0.257	0.378	2.41	4.30	1.80	2
3	0.410B	0.385B	4.08	3.63	1.08	0.889	1.35	0.262	0.375	2.33	3.33	1.80	3
4	0.403B	0.355B	3.72	3.29	0.967	0.965	2.35	0.394	0.359	2.17	2.75	1.98	4
5	0.395B	0.333B	2.68	4.36	0.891	1.62	2.21	0.944	0.355	1.91	2.41	1.98	5
6	0.387B	0.331B	2.01	3.99	0.847	1.40	2.11	1.05	0.355	1.77	2.48	1.90 B	6
7	0.381B	0.328B	1.96	2.83	0.785	1.18	1.40	0.769	0.341	2.92	4.31	1.59 B	7
8	0.374B	0.324B	2.01	2.17	0.716	0.990	0.956	0.533	0.785	3.87	4.69	1.34 B	8
9	0.368B	0.320B	2.23	1.99	0.672	0.956	0.764	0.479	6.42	3.33	4.77	1.10 B	9
10	0.363B	0.315B	2.33	2.26	0.649	1.03	0.648	0.684	11.8	2.58	4.07	0.983B	10
11	0.357B	1.08 B	2.33	2.24	1.06	0.853	0.568	1.28	14.7	2.12	3.14	1.02 B	11
12	0.352B	3.15 B	2.20	2.29	4.11	0.709	0.496	1.48	16.9	1.80	2.68	0.984B	12
13	0.348B	5.02 B	2.08	1.85	4.99	0.625	0.452	1.50	18.1	1.56	2.18	0.936	13
14	0.343B	4.48 B	1.94	1.62	3.63	0.584	0.428	1.12	16.3	1.44	1.93	0.938	14
15	0.338B	3.80 B	1.87	1.61	2.54	0.586	0.412	1.33	12.2	1.33	1.86	0.959	15
16	0.334B	3.60 B	2.00	1.45	5.56	0.557	0.367	5.26	6.70	1.29	1.85	0.937	16
17	0.331B	6.98 B	1.69	1.39	9.72	0.541	0.330	6.56	3.28	1.24	1.88	0.802	17
18	0.327B	11.4 B	1.40	1.70	6.33	0.533	0.316	4.73	2.33	1.26	1.91	0.774B	18
19	0.324B	15.4 B	1.32	2.04	3.65	0.515	0.303	2.83	1.94	1.54	2.22	0.666B	19
20	0.321B	20.9 B	1.15	1.76	2.40	0.480	0.311	1.70	1.61	1.54	2.67	0.560B	20
21	0.318B	39.6 B	1.07	1.47	1.78	0.454	0.361	1.18	1.40	1.42	5.80	0.480B	21
22	0.314B	31.3 B	1.07	1.33	1.47	2.33	0.439	0.852	1.24	1.44	7.96	0.468B	22
23	0.312B	29.7 B	1.13	1.22	1.23	7.98	0.511	0.654	2.46	3.80	6.25	0.458B	23
24	0.311B	32.0	1.34	1.31	1.06	8.04	0.469	0.560	8.99	6.95	4.17	0.454B	24
25	0.310B	28.7	1.48	1.54	0.938	6.64	0.391	0.493	8.96	5.12	2.86	0.450B	25
26	0.325B	24.2	1.55	1.61	0.926	4.22	0.350	0.451	6.95	4.89	2.16	0.447B	26
27	0.337B	17.7	1.71	1.43	0.927	2.91	0.330	0.417	7.05	9.68	2.15	0.443B	27
28	0.332B	9.14	1.82	1.26	1.19	2.13	0.321	0.392	8.48	14.3	4.37	0.440B	28
29	0.320B		1.73	1.27	2.58	1.51	0.337	0.373	6.12	14.5	4.07	0.437B	29
30	0.315B		2.04	1.57	2.19	1.16	0.328	0.368	3.95	14.1	2.94B	0.434B	30
31	0.311B		3.47		1.81		0.309	0.381		10.9		0.430B	31
TOTAL	10.814	291.631	69.48	64.38	69.368	54.857	22.677	39.569	171.192	128.34	104.58	30.290	TOTAL
MEAN	0.349	10.4	2.24	2.15	2.24	1.83	0.732	1.28	5.71	4.14	3.49	0.977	MEAN
MAX	0.435	39.6	6.26	4.46	9.72	8.04	2.35	6.56	18.1	14.5	7.96	2.30	MAX
MIN	0.310	0.315	1.07	1.22	0.649	0.454	0.303	0.257	0.341	1.24	1.85	0.430	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.90
MAXIMUM DAILY, 39.6B ON FEB 21
MINIMUM DAILY, 0.257 ON AUG 2

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 13 40 N
LONG 75 24 46 W
DRAINAGE AREA, 189 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	934	JUL	1 960
FEB	25 200	AUG	3 420
MAR	6 000	SEP	14 800
APR	5 560	OCT	11 100
MAY	5 990	NOV	9 040
JUN	4 740	DEC	2 620

TOTAL DISCHARGE, 91 400 dam³

SOUTH INDIAN CREEK NEAR LIMOGES - STATION NO. 02LB019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.201B	0.135B	2.84	2.51	0.822	1.22	0.522	0.068	0.209	0.806	1.38	0.765B	1
2	0.192B	0.151B	2.73	3.19	0.671	0.844	0.477	0.059	0.227	0.714	1.19	0.711	2
3	0.183B	0.169B	1.59 B	1.96	0.501	0.634	0.344	0.080	0.248	0.718	1.00	0.840	3
4	0.178B	0.160B	1.25 B	2.51	0.429	2.29	0.296	0.101	0.216	0.588A	0.894	0.858	4
5	0.172B	0.154B	0.964B	2.93	0.549	11.8	0.541	10.5	0.223	0.426E	0.815	0.821B	5
6	0.167B	0.151B	0.856B	1.89	0.540	6.02	0.358	7.89	0.211	0.565E	1.28	0.730B	6
7	0.163B	0.146B	0.778	1.25	0.397	2.69	0.260	3.14	0.185	1.48 A	2.35	0.646B	7
8	0.160B	0.142B	0.953	1.22	0.341	1.43	0.188	1.23	0.664	1.56	1.75	0.582	8
9	0.156B	0.138B	1.12	1.15	0.281	2.00	0.146	0.877A	4.27	1.10	1.61	0.496	9
10	0.152B	0.135B	1.10	1.25	0.293	1.43	0.156	1.04	4.98	0.956	1.27	0.436	10
11	0.149B	0.480B	1.09	1.02	1.28	1.01	0.126	3.14	6.23	0.890	1.07 B	0.431	11
12	0.147B	1.55 B	0.918	0.829	3.07	0.776	0.110	6.83	3.52	0.604	0.898B	0.504	12
13	0.145B	1.47 B	0.898B	0.705	3.08	1.28	0.128	2.98	2.14	0.507	0.961B	0.470	13
14	0.143B	1.38 B	0.877B	0.936	1.85	0.992	0.387	1.39	1.23	0.470	0.982	0.414	14
15	0.141B	1.29 B	0.842B	0.936	1.27	0.977	0.277	3.50	0.838	0.450	0.816	0.410	15
16	0.139B	1.20 B	0.786B	0.802	3.43	2.43	0.164	10.4	0.608	0.412	0.858	0.390B	16
17	0.137B	2.15 B	0.730B	0.718	3.09	2.61	0.123	7.02	0.473	0.400	1.14	0.395B	17
18	0.136B	4.30 B	0.688B	0.926	1.59	1.52	0.142	2.89	0.430	0.591	2.12	0.336	18
19	0.134B	8.00 B	0.522B	0.850	1.10	1.23	0.136	1.39	0.379	0.928	3.32	0.271	19
20	0.132B	14.7 B	0.412	0.700	0.856	1.93	0.136	0.835	0.358	0.807	2.62	0.245B	20
21	0.131B	24.4 B	0.410	0.592	0.624	1.05	0.247	0.550	0.340	0.671	5.13	0.214B	21
22	0.129B	18.0 B	0.511	0.567	0.506	9.23	0.180	0.565	0.325	0.751	4.51	0.196B	22
23	0.128B	16.3 B	0.746	0.680	0.394	19.3	0.127	0.348	0.978	2.86	2.47 B	0.192B	23
24	0.126B	21.0 B	1.05	0.752	0.317	6.33	0.100	0.300	3.02	3.03	1.60 B	0.188B	24
25	0.125B	13.2	1.11	0.962	0.416	1.70	0.080	0.269	1.93	1.63	1.07 B	0.184B	25
26	0.133B	8.09	1.04	0.861	0.375	1.01	0.085	0.308	1.22	2.86	0.863B	0.180B	26
27	0.147B	4.19	1.26	0.684	0.363	0.774	0.078	0.245	2.41	5.49	1.04	0.178B	27
28	0.145B	2.85	1.18	0.527	1.43	0.522	0.081	0.468	2.61	9.65	1.75	0.176B	28
29	0.142B		1.07	0.902	2.29	0.378	0.122	0.374	1.36	4.45	1.21 B	0.174B	29
30	0.139B		1.94	1.12	1.87	0.314	0.102	0.240	0.950	2.44	0.905B	0.172B	30
31	0.137B		3.66		1.61		0.089	0.192		1.75		0.170B	31
TOTAL	4.609	146.031	35.921	35.929	35.635	85.721	6.308	69.219	42.782	50.554	48.872	12.775	TOTAL
MEAN	0.149	5.22	1.16	1.20	1.15	2.86	0.203	2.23	1.43	1.63	1.63	0.412	MEAN
MAX	0.201	24.4	3.66	3.19	3.43	19.3	0.541	10.5	6.23	9.65	5.13	0.858	MAX
MIN	0.125	0.135	0.410	0.527	0.281	0.314	0.078	0.059	0.185	0.400	0.815	0.170	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.57
MAXIMUM DAILY, 24.4B ON FEB 21
MINIMUM DAILY, 0.059 ON AUG 2

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 21 47 N
LONG 75 15 00 W
DRAINAGE AREA, 72.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	398	JUL	545
FEB	12 600	AUG	5 980
MAR	3 100	SEP	3 700
APR	3 100	OCT	4 370
MAY	3 080	NOV	4 220
JUN	7 410	DEC	1 100

TOTAL DISCHARGE, 49 600 dam³

SOUTH MAITLAND RIVER AT SUMMERHILL - STATION NO. 02FE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.901B	0.938B	35.5	10.9	7.69	1.50	0.504	0.478	1.86	2.39	5.69	6.54	1
2	0.868B	0.989B	26.0	7.52	5.46	1.36	0.464	0.346	1.94	12.9	4.24	11.5	2
3	0.847B	1.05 B	16.0 B	5.43	4.14	1.36	0.436	0.292	2.05	15.7	3.43	13.1	3
4	0.833B	1.09 B	9.56B	4.64	3.45	1.46	0.407	0.266	6.79	12.6	2.90	11.4	4
5	0.802B	1.10 B	6.80B	3.97	3.03	1.34	0.449	0.245	14.7	7.38	2.67	8.97	5
6	0.793B	1.07 B	5.67	3.23	2.85	1.14	0.755	0.221	13.5	8.14	3.08	6.63	6
7	0.770B	1.02 B	4.85	2.72	2.44	1.02	1.18	0.219	9.51	23.3	4.41	5.85	7
8	0.752B	0.965B	4.59	2.47	2.13	0.899	0.690	0.200	5.39	25.3	4.03	6.49	8
9	0.731B	0.928B	5.86	2.44	1.99	0.876	0.476	0.189	3.49	22.2	3.22	6.36	9
10	0.717B	0.897B	7.03	2.18	2.50	0.828	0.375	0.169	2.44	16.5	2.61	4.80B	10
11	0.700B	2.75 B	7.15	1.98	19.5	0.812	0.328	0.149	1.75	10.1	2.36	3.62B	11
12	0.684B	4.54 B	6.65	1.98	26.2	0.695	0.297	0.135	1.38	5.17	2.12	3.02B	12
13	0.676B	6.32 B	8.74	1.79	20.0	0.642	0.273	0.129	1.06	3.53	1.87	2.67B	13
14	0.662B	8.19 B	6.27	5.08	14.3	0.639	0.251	0.128	0.877	2.90	1.75	2.55B	14
15	0.648B	8.98 B	5.24	9.88	9.81	0.676	0.215	0.228	0.758	3.24	1.71	2.48B	15
16	0.639B	9.35 B	4.04B	6.71	7.67	0.643	0.189	0.273	0.649	5.63	1.69	2.31B	16
17	0.630B	14.8 B	3.12B	5.70	6.37	0.609	0.175	0.311	0.675	4.95	1.71	2.18B	17
18	0.622B	25.5 B	2.79B	5.58	5.05	0.528	0.174	0.276	0.738	11.8	1.67	2.07B	18
19	0.617B	47.0 B	2.65B	4.24	4.14	0.468	0.182	0.229	0.721	23.6	1.75	1.99B	19
20	0.606B	81.0 B	2.54B	3.59	3.49	0.423	0.175	0.187	0.650	22.2	3.91	1.91B	20
21	0.597B	123 B	2.44B	3.00	2.98	0.493	0.174	0.146	0.645	18.1	12.0	1.83B	21
22	0.592B	96.2 B	2.38B	2.69	2.59	0.888	0.160	0.130	0.799	16.2	11.8	1.89B	22
23	0.583B	156	4.26	3.01	2.32	3.28	0.156	0.116	0.990	18.9	8.98	1.98B	23
24	0.578B	114	7.02	3.68	2.14	3.16	0.141	0.105	0.936	19.0	5.76	1.90B	24
25	0.572B	82.6	9.42	3.58	2.21	1.95	0.126	0.100	0.762	17.6	3.89	1.86B	25
26	0.691B	60.9	9.45	2.94	2.16	1.40	0.121	0.094	0.691	16.1	3.18	1.81B	26
27	0.838B	46.8	16.6	2.55	2.00	1.02	0.128	0.093	0.910	15.6	11.3	1.78B	27
28	1.09 B	43.4	19.5	8.39	2.04	0.777	0.336	0.200	2.35	21.6	14.9	1.73B	28
29	1.27 B		15.7	14.3	1.94	0.634	1.01	0.409	2.01	17.2	12.2	1.66B	29
30	1.18 B		13.8	11.7	1.88	0.543	1.56	0.564	1.53	13.1	8.60	1.61B	30
31	1.09 B		14.2		1.71		0.804	0.682		8.61		1.55B	31
TOTAL	23.579	941.377	285.82	147.87	176.18	32.063	12.711	7.312	82.551	421.54	149.43	126.04	TOTAL
MEAN	0.761	33.6	9.22	4.93	5.68	1.07	0.410	0.236	2.75	13.6	4.98	4.07	MEAN
MAX	1.27	156	35.5	14.3	26.2	3.28	1.56	0.682	14.7	25.3	14.9	13.1	MAX
MIN	0.572	0.897	2.38	1.79	1.71	0.423	0.121	0.093	0.645	2.39	1.67	1.55	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.59
MAXIMUM DAILY, 156 ON FEB 23
MINIMUM DAILY, 0.093 ON AUG 27
MAXIMUM INSTANTANEOUS,
181 AT 13:00 EST ON FEB 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 41 04 N
LONG 81 32 38 W
DRAINAGE AREA, 376 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 040	JUL	1 100
FEB	81 300	AUG	632
MAR	24 700	SEP	7 130
APR	12 800	OCT	36 400
MAY	15 200	NOV	12 900
JUN	2 770	DEC	10 900

TOTAL DISCHARGE, 208 000 dam³

SOUTH NATION RIVER AT CASSELMAN - STATION NO. 02LB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.90B	3.56	98.6	45.7	28.9	21.8	11.2	1.01	3.34A	28.9	79.6	30.3	1
2	5.89B	3.65	81.0	61.9	25.7	16.1	13.1	1.04	2.91	26.5	59.3	27.3	2
3	5.87B	3.69	54.2	49.5	22.9	10.7	12.5	1.62	2.53	23.2E	46.8	23.4E	3
4	5.85B	3.74	35.2	47.4	21.5	38.3	32.1	1.66	2.37	20.9	40.5	23.1E	4
5	5.83B	3.85	32.4	55.9	20.8	53.9	56.5	29.8	3.58	19.2	37.5	23.0E	5
6	5.82B	3.59	26.1	48.4	21.2	28.7	21.8	23.6	4.13	18.3	39.6	20.6A	6
7	5.82B	3.62	23.3	36.4	22.0	22.0	11.2	10.1	2.79	25.1	51.4	11.9	7
8	5.70B	3.71	22.3	28.2	21.7	14.1	7.01	5.80	5.56	36.1	57.3	18.7	8
9	5.52B	3.43	23.9	24.6	21.9	15.8	5.28	5.92	68.5	31.5E	64.2	13.1	9
10	5.36B	3.10	26.0	26.3	21.6	14.8	4.68	8.95	75.3	23.0E	58.9	10.5	10
11	5.14B	21.7	26.6	24.1	24.2	10.9	4.08	22.2	122	18.6	48.5	10.4	11
12	4.98B	91.7	26.9	22.6	45.2	9.75	3.44	41.1	91.5	16.2E	38.8E	11.8	12
13	4.76B	75.7	26.7	20.5	60.1	9.79	3.39	24.2	74.3	14.0E	29.2E	12.9	13
14	4.56B	78.4	26.3	19.3	45.7 E	9.60	3.59	15.6	58.1	13.6	24.4	15.0	14
15	4.38B	69.0	24.4	16.0	35.9 A	9.10	2.69	31.8	42.2	14.1E	22.7	17.6	15
16	4.18B	56.1	27.1	14.8	58.5	15.7	2.43	109	29.4	12.1E	22.3	18.5	16
17	3.95B	96.9	24.5	13.5	96.9	15.7	1.94	82.2	20.5	12.1E	24.4	16.8	17
18	3.74B	208	15.5	15.1	65.9	13.3	1.99	52.3	15.7	12.5E	32.2	17.0	18
19	3.54B	266	14.3	20.8	44.9	9.38	4.14	35.7	12.9	14.2	46.1	16.8	19
20	3.36B	376	13.6	20.5	28.9	7.51	3.49	24.9	12.0	16.4E	45.3	15.1	20
21	3.18B	499	11.0	17.5	21.2	6.65	7.41	19.4 A	10.1	13.1	91.9	14.0	21
22	2.96B	404	9.87	14.7	16.7	65.6	7.18	11.6 A	9.64	13.4	111	13.7	22
23	2.73B	333	10.5	12.1	13.5	150	5.57	9.03	24.6	47.8	75.1	13.6	23
24	2.50B	349	12.5	11.2	11.3	79.6	2.73	7.55	106	81.8	54.6	13.5	24
25	2.29B	282	14.5	16.1	9.73	51.2	2.33	7.00	85.1	58.5	41.1	12.9	25
26	2.12B	241	16.2	19.9	8.86	48.5	2.00	6.53	61.1	60.3	31.1	13.1	26
27	2.25	172	18.0	19.3	7.85	35.7	1.87	6.19	69.2	126	30.6	12.8	27
28	2.39	126	19.8	17.0	10.8	23.7	2.23	3.85	76.0	262	52.3	13.2	28
29	2.59		18.4	18.7	21.4	16.1	1.76	5.01	54.3 E	192	52.6	13.2	29
30	2.96		22.8	26.8	23.9	12.0	1.44	5.91	39.0 E	107	35.1	12.5	30
31	3.55		46.8		24.9		1.16	4.42A		112		10.5	31
TOTAL	129.67	3 781.44	849.27	784.8	904.54	835.98	242.23	614.99	1 184.65	1 510.4	1 444.4	496.8	TOTAL
MEAN	4.18	135	27.4	26.2	29.2	27.9	7.81	19.8	39.5	48.7	48.1	16.0	MEAN
MAX	5.90	499	98.6	61.9	96.9	150	56.5	109	122	262	111	30.3	MAX
MIN	2.12	3.10	9.87	11.2	7.85	6.65	1.16	1.01	2.37	12.1	22.3	10.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.0
MAXIMUM DAILY, 499 ON FEB 21
MINIMUM DAILY, 1.01 ON AUG 1
MAXIMUM INSTANTANEOUS,
525 AT 09:51 EST ON FEB 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 19 01 N
LONG 75 05 32 W
DRAINAGE AREA, 2 410 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	11 200	JUL	20 900
FEB	327 000	AUG	53 100
MAR	73 400	SEP	102 000
APR	67 800	OCT	130 000
MAY	78 200	NOV	125 000
JUN	72 200	DEC	42 900

TOTAL DISCHARGE, 1 100 000 dam³

SOUTH NATION RIVER AT CHESTERVILLE - STATION NO. 02LB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	62.2	15.5E	---	---	---	---	---	---	---	---	1
2	---	---	43.9	20.4	---	---	---	---	---	---	---	---	2
3	---	---	21.4	---	---	---	---	---	---	---	---	---	3
4	---	---	20.1	---	---	---	---	---	---	---	---	---	4
5	---	---	15.6	---	---	---	---	---	---	---	---	---	5
6	---	---	13.3	---	---	---	---	---	---	---	---	---	6
7	---	---	11.2	---	---	---	---	---	---	---	---	---	7
8	---	---	11.2	---	---	---	---	---	---	---	---	---	8
9	---	---	9.23	---	---	---	---	---	---	---	---	---	9
10	---	---	10.0	---	---	---	---	---	---	---	---	---	10
11	---	---	10.0	---	---	---	---	---	---	---	---	---	11
12	---	---	11.6	---	---	---	---	---	---	---	---	---	12
13	---	---	11.2	---	---	---	---	---	---	---	---	---	13
14	---	---	10.8	---	---	---	---	---	---	---	---	---	14
15	---	---	11.2	---	---	---	---	---	---	---	---	---	15
16	---	---	13.3	---	---	---	---	---	---	---	---	---	16
17	---	---	13.3	---	---	---	---	---	---	---	---	---	17
18	---	---	15.6	---	---	---	---	---	---	---	---	---	18
19	---	---	11.6	---	---	---	---	---	---	---	---	---	19
20	---	101 B	11.2	---	---	---	---	---	---	---	---	---	20
21	---	172 B	5.98	---	---	---	---	---	---	---	---	---	21
22	---	159 B	5.65	---	---	---	---	---	---	---	---	---	22
23	---	154	6.31	---	---	---	---	---	---	---	---	---	23
24	---	153	7.02	---	---	---	---	---	---	---	---	---	24
25	---	139	7.25E	---	---	---	---	---	---	---	---	---	25
26	---	123	7.34E	---	---	---	---	---	---	---	---	---	26
27	---	96.2	7.35E	---	---	---	---	---	---	---	---	---	27
28	---	74.0	7.39E	---	---	---	---	---	---	---	---	---	28
29	---		7.65E	---	---	---	---	---	---	---	---	---	29
30	---		9.70E	---	---	---	---	---	---	---	---	---	30
31	---		12.2 E		---		---	---		---		---	31
TOTAL	---	---	421.77	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	13.6	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	62.2	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	5.65	---	---	---	---	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 172B ON FEB 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 45 06 08 N
LONG 75 13 47 W
DRAINAGE AREA, 1 050 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	36 400	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

SOUTH NATION RIVER AT LEMIEUX - STATION NO. 02LB015

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	2.602	1.257	---	---	---	---	---	---	---	---	1
2	---	---	2.156	1.501	---	---	---	---	---	---	---	---	2
3	---	---	1.471	1.601	---	---	---	---	---	---	---	---	3
4	---	---	0.955	1.593	---	---	---	---	---	---	---	---	4
5	---	---	0.900	1.487	---	---	---	---	---	---	---	---	5
6	---	---	0.849	1.341	---	---	---	---	---	---	---	---	6
7	---	---	0.785	1.039	---	---	---	---	---	---	---	---	7
8	---	---	0.754	0.861	---	---	---	---	---	---	---	---	8
9	---	---	0.787	0.901	---	---	---	---	---	---	---	---	9
10	---	---	0.815	0.827	---	---	---	---	---	---	---	---	10
11	---	---	0.823	0.801	---	---	---	---	---	---	---	---	11
12	---	---	0.827	0.723	---	---	---	---	---	---	0.950	---	12
13	---	---	0.830	0.697	---	---	---	---	---	---	---	---	13
14	---	---	0.823	0.677	---	---	---	---	---	---	---	---	14
15	---	---	0.788	0.672	---	---	---	---	---	---	---	---	15
16	---	---	0.793	0.667	---	---	---	---	---	---	---	---	16
17	---	---	0.783	0.631	---	---	---	---	---	---	---	---	17
18	---	---	---	0.729	---	---	---	---	---	---	---	---	18
19	---	---	---	0.713	---	---	---	---	---	---	---	---	19
20	---	---	---	0.743	---	---	---	---	---	---	---	---	20
21	---	---	---	0.709	---	---	---	---	---	---	---	---	21
22	---	---	0.797	0.635	---	---	---	---	---	---	---	---	22
23	---	6.209	0.785	---	---	---	---	---	---	---	---	---	23
24	---	6.061	0.699	---	---	---	---	---	---	---	---	---	24
25	---	5.656	0.638	---	---	---	---	---	---	---	---	---	25
26	---	5.290	0.682	---	---	---	---	---	---	---	---	---	26
27	---	4.520	0.675	---	---	---	---	---	---	---	---	---	27
28	---	3.468	0.754	---	---	---	---	---	---	---	---	---	28
29	---		0.723	---	---	---	---	---	---	---	---	---	29
30	---		0.854	---	---	---	---	---	---	---	---	---	30
31	---		1.202		---		---	---		---			31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 45 23 42 N
LONG 75 03 56 W

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 43.897 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - STATION OPERATED DURING SPRING BREAK-UP ONLY

SOUTH NATION RIVER AT SPENCERVILLE - STATION NO. 02LB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.710B	0.460B	9.65	3.35	3.28	2.79	0.928	0.163	0.377	4.16	10.3	4.32	1
2	0.700B	0.505B	8.66	4.22	2.83	2.05	0.807	0.138	0.382	3.55	8.00	3.61	2
3	0.688B	0.555B	7.61	4.35	2.35	1.64	0.770	0.110	0.362	3.07	6.51	3.51	3
4	0.673B	0.630B	5.56B	4.12	2.00	1.46	0.725	0.098	0.342	2.59	5.41	3.36	4
5	0.665B	0.685B	4.33	4.49	1.81	1.35	0.639	0.116	0.303	2.10	4.64	3.20	5
6	0.656B	0.666B	3.61	4.98	1.65	1.31	0.573	0.159	0.269	2.05	4.49	2.82	6
7	0.645B	0.648B	3.26	4.67	1.59	1.38	0.533	0.127	0.227	2.30	5.73	2.39	7
8	0.630B	0.630B	3.26	3.80	1.50	1.38	0.503	0.098	0.194	2.64	6.89	2.17	8
9	0.618B	0.601B	3.39	3.24	1.37	1.58	0.472	0.100	0.175	2.86	7.27	1.88	9
10	0.582B	0.621B	3.49	3.08	1.26	2.00	0.442	0.107	0.383	2.80	7.07	1.73	10
11	0.560B	3.50 B	3.67	2.97	1.70	2.38	0.682	0.097	3.05	2.63	6.16	1.61	11
12	0.540B	11.7 B	3.85	3.07	3.19	2.08	0.647	0.110	5.19	2.42	5.17	1.58	12
13	0.520B	14.0 B	3.77	2.91	4.27	1.74	0.576	0.122	6.21	2.19	4.31	1.51	13
14	0.500B	10.2 B	3.49	2.54	3.69	1.41	0.535	0.101	5.37	1.99	3.70	1.46	14
15	0.484B	7.90 B	3.25	2.47	2.79	1.20	0.488	0.138	4.83	1.83	3.38	1.47	15
16	0.460B	6.50 B	3.18	2.36	3.61	1.01	0.470	1.06	3.69	1.73	3.20	1.47	16
17	0.445B	9.60 B	2.91	2.31	6.26	0.888	0.462	3.61	2.64	1.63	2.96	1.43	17
18	0.428B	17.0 B	2.53	2.88	5.77	0.781	0.487	3.13	2.08	1.82	2.89	1.33	18
19	0.413B	25.0 B	2.36	3.01	4.50	0.690	0.502	2.70	1.76	2.01	2.92	1.15	19
20	0.392B	36.0 B	2.19	2.70	3.05	0.653	0.454	2.35	1.56	2.04	3.07	0.972	20
21	0.382B	46.0 B	2.07	2.48	2.22	0.565	0.450	1.93	1.58	1.96	4.82	0.846	21
22	0.367B	41.0 B	2.03	2.24	1.77	0.641	0.492	1.53	1.64	2.26	6.76	0.791	22
23	0.355B	33.3 B	2.12	2.03	1.53	2.88	0.514	1.23	3.34	3.90	7.13	0.755	23
24	0.342B	32.0	2.35	2.00	1.32	4.52	0.491	0.917	8.84	6.31	6.24	0.705	24
25	0.330B	29.3	2.52	2.39	1.16	3.80	0.404	0.744	8.54	6.67	5.00	0.732	25
26	0.360B	21.1	2.63	2.87	1.13	3.39	0.201	0.652	7.17	6.36	3.98	0.721	26
27	0.397B	14.7	2.74	2.92	0.855	2.84	0.123	0.568	6.96	8.47	4.32	0.695	27
28	0.441B	10.8	2.78	2.58	1.29	2.17	0.103	0.505	6.70	19.7	6.24	0.708	28
29	0.500B		2.71	2.64	3.19	1.71	0.134	0.452	5.81	22.7	6.57	0.678	29
30	0.488B		2.81	3.31	4.38	1.31	0.180	0.412	4.95	18.4	5.51	0.662	30
31	0.471B		3.12		4.03		0.182	0.408		13.8		0.664	31
TOTAL	15.742	375.601	111.90	92.98	81.345	53.598	14.969	23.982	94.924	158.94	160.64	50.929	TOTAL
MEAN	0.508	13.4	3.61	3.10	2.62	1.79	0.483	0.774	3.16	5.13	5.35	1.64	MEAN
MAX	0.710	46.0	9.65	4.98	6.26	4.52	0.928	3.61	8.84	22.7	10.3	4.32	MAX
MIN	0.330	0.460	2.03	2.00	0.855	0.565	0.103	0.097	0.175	1.63	2.89	0.662	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.39
MAXIMUM DAILY, 46.0B ON FEB 21
MINIMUM DAILY, 0.097 ON AUG 11

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 50 32 N
LONG 75 32 38 W
DRAINAGE AREA, 246 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 360	JUL	1 290
FEB	32 500	AUG	2 070
MAR	9 670	SEP	8 200
APR	8 030	OCT	13 700
MAY	7 030	NOV	13 900
JUN	4 630	DEC	4 400

TOTAL DISCHARGE, 107 000 dam³

SOUTH NATION RIVER NEAR PLANTAGENET SPRINGS - STATION NO. 02LB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.07B	7.00B	218	96.0	37.6	36.5	20.2	3.97	13.6	48.8	136	46.1B	1
2	8.50B	6.70B	174	116	31.4	25.7	20.1	4.05	13.2	40.0	98.8	42.2B	2
3	8.00B	6.60B	119	103	26.3	19.0	19.3	4.42	13.6	39.1	75.0	40.1B	3
4	7.60B	6.70B	73.0	90.3	22.2	35.5	17.2	5.41	13.3	36.9	58.0	39.7	4
5	7.20B	7.00B	54.9	118	19.4	118	62.2	85.3	13.2	33.2	48.6	40.0	5
6	6.77B	6.55B	41.9	101	17.0	84.0	36.3	120	15.2	31.1	47.1	36.9B	6
7	6.55B	6.25B	36.5	71.9	15.7	62.0	21.3	71.0	14.1	42.6	76.2	31.0B	7
8	6.27B	6.00B	34.1	49.3	14.1	39.1	14.1	37.4	15.5	63.1	92.5	26.9B	8
9	6.05B	5.70B	35.7	40.7	12.6	32.7	10.8	23.0	97.2	57.4	96.2	25.3B	9
10	5.85B	5.60B	38.1	44.3	11.5	38.5	10.6	22.2	141	43.3	96.9	23.9B	10
11	5.70B	9.50B	39.0	39.5	15.7	30.3	10.2	36.7	201	35.6	75.6	23.5	11
12	5.60B	39.3 B	38.1	34.7	49.4	23.7	7.85	128	178	31.5	63.6	23.1	12
13	5.45B	87.5 B	37.4	30.5	118	22.3	6.46	89.4	139	29.0	50.9	23.3	13
14	5.30B	85.5 B	37.0	29.9	91.4	22.2	7.53	42.1	100	26.4	43.5	22.2	14
15	5.22B	81.5 B	34.3	36.4	62.6	20.1	7.41	33.8	70.9	25.9	39.6	22.2	15
16	5.10B	71.0 B	35.6	31.8	64.5	22.0	6.15	166	47.7	25.0	37.9	22.0	16
17	5.02B	66.0 B	33.7	27.7	140	37.4	4.34	202	36.1	24.3	39.9	20.2	17
18	4.96B	195 B	27.5	28.7	121	41.0	3.60	136	30.5	24.6	53.4	19.7	18
19	4.90B	310 B	22.7	32.2	77.7	29.8	4.68	75.2	26.4	30.2	91.0	19.8	19
20	4.85B	370 B	22.9	32.5	45.9	23.4	5.96	44.5	24.2	31.8	90.6	17.6	20
21	4.80B	461 B	20.7	29.0	30.3	18.8	9.99	32.6	23.0	29.1	136	16.2	21
22	4.76B	560 B	19.8	25.6	25.1	60.3	13.6	24.8	20.8	27.7	199	15.4	22
23	4.72B	729 B	22.2	22.6	20.8	285	11.1	21.1	24.5	58.0	152	15.1	23
24	4.68B	706	24.8	21.6	17.6	209	7.38	18.5	119	139	97.9	14.9B	24
25	4.65B	668	27.9	29.8	14.8	133	5.78	16.9	151	116	69.3	14.9B	25
26	5.40B	581	29.4	33.4	13.7	94.9	4.88	15.4	102	91.3	48.5	14.8B	26
27	5.70B	467	31.7	30.9	16.3	67.6	3.90	14.5	106	164	43.3	14.7B	27
28	6.00B	324	35.4	26.7	27.3	40.6	3.99	13.0	150	343	61.9	14.7B	28
29	6.50B		33.3	28.4	62.0	27.8	4.20	11.3	107	332	80.6	14.6B	29
30	6.95B		38.1	39.2	54.9	21.9	3.85	13.2	70.7	247	60.5	14.5B	30
31	7.40B		91.7		47.3		3.92	13.5		185		14.5B	31
TOTAL	185.52	5 875.40	1 528.4	1 441.6	1 324.1	1 722.1	368.85	1 525.25	2 077.7	2 451.9	2 360.3	730.0	TOTAL
MEAN	5.98	210	49.3	48.1	42.7	57.4	11.9	49.2	69.3	79.1	78.7	23.5	MEAN
MAX	9.07	729	218	118	140	285	62.2	202	201	343	199	46.1	MAX
MIN	4.65	5.60	19.8	21.6	11.5	18.8	3.60	3.97	13.2	24.3	37.9	14.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 59.2
MAXIMUM DAILY, 729B ON FEB 23
MINIMUM DAILY, 3.60 ON JUL 18

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 30 23 N
LONG 74 57 20 W
DRAINAGE AREA, 3 810 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 000	JUL	31 900
FEB	508 000	AUG	132 000
MAR	132 000	SEP	180 000
APR	125 000	OCT	212 000
MAY	114 000	NOV	204 000
JUN	149 000	DEC	63 100

TOTAL DISCHARGE, 1 870 000 dam³

SOUTH PARKHILL CREEK NEAR PARKHILL - STATION NO. 02FF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.110	0.085B	1.07	0.353	0.433	0.121	0.126	0.014	0.932	9.72	0.210	0.435	1
2	0.108	0.115B	0.608	0.230	0.266	0.110	0.126	0.007	2.87	4.84	0.196	1.46	2
3	0.103	0.145B	0.361	0.193	0.209	0.109	0.088	0.057	0.470	2.68	0.184	0.626	3
4	0.105	0.138B	0.274	0.174	0.175	0.103	0.100	0.095	9.81	0.803	0.187	0.447	4
5	0.101	0.159B	0.239	0.158	0.161	0.090	0.204	0.125	1.37	0.464	0.184	0.377	5
6	0.098B	0.109B	0.222	0.141	0.149	0.083	0.113	0.070	0.422	2.71	1.99	0.359	6
7	0.090B	0.060B	0.222	0.131	0.133	0.076	0.081	0.041	0.224	1.47	1.97	0.390	7
8	0.082B	0.051B	0.211	0.127	0.125	0.073	0.064	0.040	0.155	0.951	0.454	2.96	8
9	0.078B	0.045B	0.248	0.128	0.122	0.100	0.051	0.043	0.163	0.534	0.258	1.35 B	9
10	0.070B	0.130	0.353	0.120	0.137	0.086	0.037	0.038	0.137	0.363	0.209	0.820B	10
11	0.062B	0.857	0.417	0.139	0.761	0.076	0.028	0.025	0.098	0.243	0.193	0.716	11
12	0.058B	0.950E	0.373	0.148	0.912	0.072	0.022	0.014	0.079	0.190	0.171	0.673	12
13	0.055B	1.02 E	0.511	0.144	0.416	0.069	0.019	0.007	0.060	0.167	0.165	0.623	13
14	0.052B	1.12 E	0.317	0.835	0.264	0.079	0.016	0.005	0.047	0.146	0.162	0.609	14
15	0.048B	1.08 E	0.307	0.491	0.258	0.093	0.012	0.017	0.037	0.133	0.166	0.609	15
16	0.042B	1.05 E	0.412	0.261	0.225	0.076	0.009	0.054	0.029	0.126	0.169	0.606	16
17	0.038B	19.5	0.254	0.311	0.186	0.067	0.010	0.021	0.067	0.121	0.172	0.578	17
18	0.037B	19.5	0.199	0.323	0.165	0.059	0.088	0.007	0.947	2.38	0.170	0.500B	18
19	0.034B	13.1	0.189	0.219	0.150	0.044	0.095	0.004	0.322	1.76	0.173	0.470B	19
20	0.032B	8.21	0.171	0.188	0.137	0.041	0.062	0.003	0.169	0.753	1.39	0.460B	20
21	0.030B	5.05	0.161	0.160	0.128	1.16	0.038	0.003	0.619	0.738	4.43	0.450B	21
22	0.028B	4.74	0.187	0.154	0.112	3.48	0.023	0.002	5.28	4.90	1.10	0.440B	22
23	0.026B	9.94	0.304	0.398	0.106	0.767	0.009	0.002	0.659	5.12	0.536	0.720B	23
24	0.027B	4.46	0.359	0.456	0.103	0.266	0.005	0.002	0.275	0.952	0.407	0.900B	24
25	0.026B	1.50	0.330	0.336	0.103	0.169	0.004	0.002	0.201	0.475	0.338	0.800B	25
26	0.030B	0.787	0.429	0.229	0.102	0.125	0.003	0.001	0.186	0.390	0.384	0.670B	26
27	0.051B	0.542	0.858	0.192	0.284	0.102	0.003	0.001	0.206	3.23	2.17	0.620B	27
28	0.071B	1.45	0.461	4.09	0.472	0.088	0.043	0.003	0.172	3.42	0.637	0.580B	28
29	0.074B		0.346	3.74	0.229	0.076	0.148	0.026	0.132	0.652	0.439	0.566B	29
30	0.074B		0.446	0.873	0.180	0.069	0.057	0.093	0.114	0.351	0.353	0.540B	30
31	0.083B		0.592		0.150		0.027	0.046		0.240		0.520B	31
TOTAL	1.923	95.893	11.431	15.442	7.353	7.929	1.711	0.868	26.252	51.022	19.567	21.874	TOTAL
MEAN	0.062	3.42	0.369	0.515	0.237	0.264	0.055	0.028	0.875	1.65	0.652	0.706	MEAN
MAX	0.110	19.5	1.07	4.09	0.912	3.48	0.204	0.125	9.81	9.72	4.43	2.96	MAX
MIN	0.026	0.045	0.161	0.120	0.102	0.041	0.003	0.001	0.029	0.121	0.162	0.359	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.716
MAXIMUM DAILY, 19.5 ON FEB 17
MINIMUM DAILY, 0.001 ON AUG 26
MAXIMUM INSTANTANEOUS,
25.2 AT 17:47 EST ON FEB 17

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 09 39 N
LONG 81 43 56 W
DRAINAGE AREA, 41.4 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	166	JUL	148
FEB	8 290	AUG	75.0
MAR	988	SEP	2 270
APR	1 330	OCT	4 410
MAY	635	NOV	1 690
JUN	685	DEC	1 890

TOTAL DISCHARGE, 22 600 dam³

SOUTH RAISIN RIVER DIVERSION AT LONG SAULT - STATION NO. 02MC009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	0.001	0.287	0.340	0.006	---	---	1
2	---	---	---	---	---	---	0.002	0.291	0.342	0.005	---	---	2
3	---	---	---	---	---	---	0.001	0.293	0.355	0.006	---	---	3
4	---	---	---	---	---	0.002	0.001	0.279	0.161	0.006	---	---	4
5	---	---	---	---	---	0.001	0.002	0.336	0.007	0.005	---	---	5
6	---	---	---	---	---	0.001	0.002	0.412	0.007	0.006	---	---	6
7	---	---	---	---	---	0.001	0.211	0.368	0.007	0.006	---	---	7
8	---	---	---	---	---	0.001	0.426	0.389	0.007	0.004	---	---	8
9	---	---	---	---	---	0.002	0.430	0.409	0.007	0.002	---	---	9
10	---	---	---	---	---	0.002	0.420	0.436	0.006	0.002	---	---	10
11	---	---	---	---	---	0.001	0.419	0.437	0.006	0.002	---	---	11
12	---	---	---	---	---	0.001	0.441	0.449	0.006	0.002	---	---	12
13	---	---	---	---	---	0.002	0.456	0.443	0.006	---	---	---	13
14	---	---	---	---	---	0.002	0.445	0.410	0.005	---	---	---	14
15	---	---	---	---	---	0.002	0.438	0.396	0.005	---	---	---	15
16	---	---	---	---	---	0.001	0.426	0.399	0.005	---	---	---	16
17	---	---	---	---	---	0.001	0.425	0.389	0.005	---	---	---	17
18	---	---	---	---	---	0	0.410	0.374	0.005	---	---	---	18
19	---	---	---	---	---	0	0.394	0.363	0.006	---	---	---	19
20	---	---	---	---	---	0.001	0.353	0.407	0.005	---	---	---	20
21	---	---	---	---	---	0	0.327	0.441	0.006	---	---	---	21
22	---	---	---	---	---	0.001	0.325	0.424	0.005	---	---	---	22
23	---	---	---	---	---	0.001	0.318	0.420	0.006	---	---	---	23
24	---	---	---	---	---	0.001	0.314	0.419	0.007	---	---	---	24
25	---	---	---	---	---	0	0.308	0.356	0.006	---	---	---	25
26	---	---	---	---	---	0.001	0.300	0.362	0.005	---	---	---	26
27	---	---	---	---	---	0	0.289	0.382	0.004	---	---	---	27
28	---	---	---	---	---	0	0.275	0.343	0.005	---	---	---	28
29	---		---	---	---	0	0.255	0.310	0.005	---	---	---	29
30	---		---	---	---	0	0.283	0.345	0.005	---	---	---	30
31	---		---		---		0.287	0.341		---		---	31
TOTAL	---	---	---	---	---	---	8.984	11.710	1.347	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	0.290	0.378	0.045	---	---	---	MEAN
MAX	---	---	---	---	---	---	0.456	0.449	0.355	---	---	---	MAX
MIN	---	---	---	---	---	---	0.001	0.279	0.004	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.456 ON JUL 13

MAXIMUM INSTANTANEOUS,
0.616 AT 11:49 EST ON JUL 7

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 01 46 N
LONG 74 53 20 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	776
FEB	---	AUG	1 010
MAR	---	SEP	116
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

SOUTH RIVER AT SOUTH RIVER - STATION NO. 02DD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.63B	2.70B	17.5	16.8	7.38	4.17	5.04	3.59	6.04	7.55	6.29	5.21	1
2	3.57B	2.69B	16.4	21.0	7.65	4.22	4.86	3.36	6.92	7.88	6.00	5.40	2
3	3.52B	2.67B	15.9 A	21.6	7.60	4.22	4.56	3.17	7.14	8.55	5.29	5.78	3
4	3.48B	2.65B	13.5 E	21.1	7.30	4.32	4.51	3.15	10.5	8.82	4.22	5.95	4
5	3.43B	2.63B	12.0 A	27.6	6.90	4.23	5.16	4.08	18.4	8.81	4.55	5.90	5
6	3.35B	2.62B	11.7	29.8	6.61	4.27	5.47	5.59	16.4	9.87	4.68	5.60	6
7	3.30B	2.61B	9.75	26.5	6.30	4.35	5.62	6.87	13.8	13.0	4.86	5.31	7
8	3.22B	2.60B	8.81	21.8	6.16	4.22	5.28	7.09	12.4	15.3	4.92	5.90	8
9	3.16B	2.60B	8.12	22.0	5.88	4.01	4.85	7.88	9.93	17.1	4.90	6.54	9
10	3.12B	2.60B	7.63	24.3	5.81	3.87	3.51	8.18	9.30	17.5	4.86	6.00	10
11	3.10B	2.63B	7.15	24.0	7.33	3.63	2.69	7.99	14.3	17.0	4.74	5.54	11
12	3.06B	2.83B	6.70B	21.6	9.87	3.62	2.71	7.39	19.3	15.8	4.66	5.21	12
13	3.04B	3.00B	6.45B	18.7	12.1	3.79	2.82	6.74	18.9	14.3	4.57	5.02	13
14	3.02B	3.15B	6.25B	15.4	15.4	3.73	2.85	6.12	17.4	12.9	4.50	4.89	14
15	3.00B	3.28B	6.05B	12.9	19.1	3.79	2.83	5.64	15.4	11.7	4.43	4.81	15
16	2.98B	3.45B	5.90B	13.0	17.0	5.76	2.76	5.14	13.3	11.5	4.42	4.69	16
17	2.96B	3.55B	5.75B	12.6	14.6	6.90	2.81	4.74	11.3	11.5	4.56	4.56	17
18	2.93B	3.85B	5.65B	11.6	12.5	7.38	3.00	3.29	9.63	11.3	4.85	4.28	18
19	2.90B	4.50B	5.55B	10.7	11.0	7.08	2.98	2.67	8.73	12.6	5.10	4.06	19
20	2.89B	5.10B	5.39B	9.72	9.93	6.60	3.17	2.77	8.26	13.6	5.29	4.00	20
21	2.87B	6.20E	5.18	9.18	9.05	6.06	4.31	2.80	7.82	13.8	5.38	3.94	21
22	2.85B	8.00E	4.89	8.66	8.31	8.16	4.56	2.77	7.46	14.1	5.47	3.88	22
23	3.26B	11.0 E	4.62	8.14	7.66	11.7	4.44	2.74	4.78	13.4	5.31	3.89	23
24	3.38B	13.8 A	4.50	4.89	7.10	11.0	4.09	3.04	3.65	12.1	5.01	4.25	24
25	3.00B	25.3	4.39	0.563	7.21	10.4	3.69	3.11	4.44	11.0	4.80	4.53	25
26	2.83B	23.8	4.39	1.69	5.72	9.63	3.83	3.06	4.81	10.1	4.74	4.59	26
27	2.79B	21.6	4.47	3.43	3.71	8.86	4.05	2.95	5.82	8.75	5.15	4.54	27
28	2.77B	19.0	4.58	4.62	3.54	7.91	4.02	2.85	6.59	7.72	5.49	4.49	28
29	2.75B		5.21	5.91	2.66	6.72	3.95	3.39	7.27	7.65	5.56	4.37	29
30	2.73B		7.63	6.41	3.41	5.18	3.94	4.44	7.41	7.15	5.38	4.24	30
31	2.71B		12.3		3.87		3.83	5.54		6.67		4.21	31
TOTAL	95.62	190.41	244.31	436.213	258.66	179.78	122.19	142.14	307.40	359.02	149.98	151.58	TOTAL
MEAN	3.08	6.80	7.88	14.5	8.34	5.99	3.94	4.59	10.2	11.6	5.00	4.89	MEAN
MAX	3.63	25.3	17.5	29.8	19.1	11.7	5.62	8.18	19.3	17.5	6.29	6.54	MAX
MIN	2.71	2.60	4.39	0.563	2.66	3.62	2.69	2.67	3.65	6.67	4.22	3.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.23
MAXIMUM DAILY, 29.8 ON APR 6
MINIMUM DAILY, 0.563 ON APR 25
MAXIMUM INSTANTANEOUS,
30.4 AT 04:34 EST ON APR 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 50 54 N
LONG 79 22 46 W
DRAINAGE AREA, 316 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 260	JUL	10 600
FEB	16 500	AUG	12 300
MAR	21 100	SEP	26 600
APR	37 700	OCT	31 000
MAY	22 300	NOV	13 000
JUN	15 500	DEC	13 100

TOTAL DISCHARGE, 228 000 dam³

SOUTH RIVER NEAR NIPISSING - STATION NO. 02DD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.10B	10.7	43.4	68.3	26.0	10.8	8.47	5.94	10.8	13.6	10.1	13.0	1
2	9.20B	10.7	29.9	65.3	23.1	10.7	6.44	5.99	15.0	15.3	12.0	14.0	2
3	10.3 B	10.7 A	22.4	65.2	20.9	9.70	9.41	5.10	15.6	16.9	12.8	15.2	3
4	10.2 B	9.50E	25.8	63.6	19.5	9.93	9.48	8.65	17.2	16.7	10.5	15.3	4
5	10.2 B	10.0 E	25.7	80.1	18.5	9.82	9.56	6.94	50.2	17.5	11.1	17.0	5
6	9.75B	10.5 E	24.2	78.9	17.6	9.58	9.56	9.77	44.1	19.7	10.2	16.4	6
7	8.60B	9.50E	22.3	66.5	15.8	9.61	9.86	10.4	36.5	38.5	10.3	15.1	7
8	9.00B	10.5 E	20.7	56.0	16.8	9.70	10.6	12.4	23.7	48.0	10.2	11.7	8
9	9.90B	9.80E	19.3	63.4	15.6	9.74	10.4	20.9	15.2	40.5	10.3	11.2	9
10	10.2 B	10.7 E	18.4	73.1	13.1	9.72	9.90	17.8	24.0	36.2	10.4	10.1	10
11	10.2 B	9.70E	17.7	65.3	13.4	9.70	9.75	16.2	30.9	34.0	11.3	13.0	11
12	10.2 B	10.5 E	16.9	55.7	39.8	9.73	6.68	16.2	33.9	31.4	11.0	15.5	12
13	8.50B	10.5 E	15.4	47.4	45.6	7.23	5.44	14.9	39.5	25.2	10.3	12.5	13
14	7.20B	10.5 E	15.4	34.6	38.4	5.98	5.90	13.3	36.2	19.7	10.3	7.20	14
15	6.90B	10.5 E	12.6	26.8	31.4	6.92	7.25	10.4	32.0	20.0	10.2	9.59	15
16	9.40B	11.0 E	11.8	28.5	35.5	27.4	5.92	9.62	25.5	20.5	10.0	12.4	16
17	9.80B	14.0 E	11.9	23.1	35.9	40.3	4.18	9.57	23.8	20.7	10.4	12.4	17
18	10.3 B	23.0 E	15.8	24.4	32.1	29.1	7.48	9.50	19.3	22.0	15.7	11.8	18
19	10.4 B	36.0 E	14.7	24.5	28.3	19.1	4.77	6.04	16.1	30.0	19.3	10.6	19
20	10.5	31.5 E	12.5	23.4	24.7	10.9	4.32	4.59	16.1	32.6	17.0	9.93	20
21	8.91	28.0 E	13.1	19.0	20.9	9.98	5.59	4.48	15.3	31.4	15.5	9.87	21
22	9.20	33.0 E	12.9	17.4	16.5	10.7	8.38	5.02	11.5	29.7	13.6	9.91	22
23	10.4	44.0 E	12.2	17.6	13.0	20.4	7.09	4.96	11.2	26.5	12.9	9.85	23
24	9.59	72.0 E	11.6	14.4	11.4	28.3	8.31	4.88	10.7	23.4	12.2	9.79	24
25	10.7	68.0 E	12.9	12.9	12.2	26.6	8.65	4.87	11.2	22.7	11.2	9.72	25
26	10.5	63.6 A	14.2	13.0	12.4	24.7	8.75	5.81	10.4	21.8	10.2	9.66	26
27	7.11	55.1	14.9	13.7	15.2	21.7	7.80	5.41	10.5	20.8	10.6	8.97	27
28	5.74	49.3	14.2	13.7	14.2	19.3	7.88	5.45	11.8	18.8	17.8	5.99	28
29	5.88		17.4	18.1	12.5	16.8	7.57	5.34	13.2	16.4	17.2	6.00	29
30	10.7		33.8	24.0	11.5	13.2	7.89	4.78	15.5	11.5	14.5	6.19	30
31	11.1		74.6		11.1		9.01	6.08		10.4		9.67	31
TOTAL	289.68	682.80	628.6	1 197.9	662.9	457.34	242.29	271.29	646.9	752.4	369.1	349.54	TOTAL
MEAN	9.34	24.4	20.3	39.9	21.4	15.2	7.82	8.75	21.6	24.3	12.3	11.3	MEAN
MAX	11.1	72.0	74.6	80.1	45.6	40.3	10.6	20.9	50.2	48.0	19.3	17.0	MAX
MIN	5.74	9.50	11.6	12.9	11.1	5.98	4.18	4.48	10.4	10.4	10.0	5.99	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.9
MAXIMUM DAILY, 80.1 ON APR 5
MINIMUM DAILY, 4.18 ON JUL 17
MAXIMUM INSTANTANEOUS,
84.1 AT 23:02 EST ON APR 5

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 05 46 N
LONG 79 28 45 W
DRAINAGE AREA, 787 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	25 000	JUL	20 900
FEB	59 000	AUG	23 400
MAR	54 300	SEP	55 900
APR	103 000	OCT	65 000
MAY	57 300	NOV	31 900
JUN	39 500	DEC	30 200

TOTAL DISCHARGE, 565 000 dam³

SOUTH SAUGEEN RIVER NEAR HANOVER - STATION NO. 02FC012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.08B	2.54B	29.5	42.5	3.40	2.52	1.57	0.970	10.2	4.29	7.19	13.5	1
2	2.99B	2.59B	24.1	28.4	3.10	2.22	1.43	0.842	10.8	4.59	6.17	17.2	2
3	2.89B	2.57B	16.1	19.1	3.51	2.23	1.34	0.862	8.77	5.40	5.39	21.8	3
4	2.82B	2.33B	13.8 B	14.6	4.29	2.82	1.36	0.961	11.4	5.68	4.82	18.4	4
5	2.78B	2.30B	11.8 B	12.4	3.29	3.41	2.34	0.983	20.5	5.17	4.55	14.4	5
6	2.70B	2.28B	8.87B	10.3	3.05	3.40	3.27	0.892	18.5	6.52	4.64	10.6	6
7	2.64B	2.27B	8.21B	8.34	2.84	2.74	2.43	0.840	14.8	18.4	4.45	8.36	7
8	2.59B	2.25B	8.03B	6.97	2.16	3.29	1.86	0.826	10.2	27.9	4.29	6.80B	8
9	2.53B	2.19B	8.24	6.41	2.54	2.62	1.56	0.882	7.03	23.7	4.18	4.81B	9
10	2.48B	2.14B	8.19	5.93	3.39	2.52	1.31	0.865	5.32	16.7	4.26	4.52B	10
11	2.39B	2.44B	8.18	5.55	22.0 E	2.62	1.11	1.00	4.36	11.3	4.12	4.35B	11
12	2.32B	2.72B	7.73	5.29	23.1 E	3.39	1.04	1.34	3.77	7.81	3.88	4.19B	12
13	2.25B	3.75B	7.76	5.01	19.8 E	3.35	0.947	1.16	3.30	5.99	3.55	4.01B	13
14	2.19B	5.62B	6.77	6.52	17.7	3.25	0.899	0.975	2.73	4.90	3.33	3.96B	14
15	2.13B	5.82B	6.03B	13.6	13.4	3.82	0.797	1.23	2.29	4.54	3.25	3.88B	15
16	2.09B	6.24B	5.72B	13.0	12.8	2.95	0.774	1.55	1.94	4.51	3.35	3.79B	16
17	2.04B	6.88B	5.02B	10.8	11.2	2.50	0.740	1.51	1.74	4.36	3.44	3.71B	17
18	1.99B	24.0 B	4.32B	9.49	8.92	2.27	0.708	1.39	1.61	6.02	4.15	3.68B	18
19	1.96B	42.0 B	4.24B	8.11	7.13	2.03	0.711	1.30	1.66	16.7	5.90	3.63B	19
20	1.91B	77.0 B	4.02B	6.98	5.33	1.79	0.707	1.11	1.72	18.7	11.0	3.59B	20
21	1.89B	99.0 B	3.68B	6.17	4.44	1.91	0.732	0.954	1.80	16.5	22.1	3.53B	21
22	1.87B	94.5 B	4.18B	5.14	3.75	2.33	0.721	0.846	2.07	13.8	19.9	3.72B	22
23	1.84B	111	5.37	4.90	3.28	4.38	0.714	0.765	2.24	13.1	15.3	3.86B	23
24	1.89B	116	6.09	4.86	2.89	4.69	0.634	0.795	2.16	15.6	11.4	3.81B	24
25	1.94B	68.9	8.23	4.76	2.72	4.33	0.592	0.768	2.12	15.2	8.22	3.72B	25
26	2.02B	42.7	11.1	4.49	2.61	3.68	0.655	0.695	2.24	13.8	6.99	3.66B	26
27	2.14B	31.0	13.3	4.24	2.57	3.08	0.653	0.653	3.11	12.0	18.5	3.61B	27
28	2.38B	28.7	15.1	4.16	2.52	2.41	1.08	1.13	7.60	12.2	36.4	3.55B	28
29	2.71B		16.3	4.34	2.39	1.96	1.71	2.71	6.30	12.2	29.3	3.50B	29
30	2.59B		22.1	4.39	2.77	1.81	1.47	7.27	4.78	10.4	19.7	3.44B	30
31	2.44B		42.3		2.83		1.14	9.95		8.65		3.39B	31
TOTAL	72.48	791.73	344.38	286.75	204.72	86.32	37.004	48.024	177.06	346.63	283.68	198.97	TOTAL
MEAN	2.34	28.3	11.1	9.56	6.60	2.88	1.19	1.55	5.90	11.2	9.46	6.42	MEAN
MAX	3.08	116	42.3	42.5	23.1	4.69	3.27	9.95	20.5	27.9	36.4	21.8	MAX
MIN	1.84	2.14	3.68	4.16	2.10	1.79	0.592	0.653	1.61	4.29	3.25	3.39	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.88
MAXIMUM DAILY, 116 ON FEB 24
MINIMUM DAILY, 0.592 ON JUL 25
MAXIMUM INSTANTANEOUS,
134 AT 06:25 EST ON FEB 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 05 55 N
LONG 80 59 09 W
DRAINAGE AREA, 635 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 260	JUL	3 200
FEB	68 400	AUG	4 150
MAR	29 800	SEP	15 300
APR	24 800	OCT	29 900
MAY	17 700	NOV	24 500
JUN	7 460	DEC	17 200

TOTAL DISCHARGE, 249 000 dam³

SPANISH RIVER AT ESPANOLA - STATION NO. 02CE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	71.4	79.1	150	180	151	57.7	126	63.3	46.4	60.0	109	92.1	1
2	66.9	77.1	154	203	155	95.6	138	53.2	53.8	50.5	100	92.1	2
3	65.3	83.1	153	221	150	97.2	140	50.5	51.7	42.4	92.1	92.0	3
4	67.5	83.1	149	346	154	94.7	119	52.4	48.3	37.4	92.3	93.6	4
5	61.2	83.4	137	426	165	78.6	111	53.9	49.4	36.8	91.5	96.5	5
6	57.8	83.8	114	516	155	63.3	122	51.7	40.0	41.8	88.3	96.0	6
7	69.0	75.3	119	730	144	53.5	126	50.5	25.0	45.9	91.6	86.4	7
8	74.3	75.3	116	723	145	58.8	127	49.2	47.2	55.9	81.6	83.6	8
9	72.0	79.5	93.8	717	144	90.8	112	43.6	61.2	50.9	81.9	82.9	9
10	68.8	82.6	93.5	669	145	91.2	96.1	47.1	63.6	40.7	87.0	82.7	10
11	59.8	83.6	104	631	139	91.5	108	54.5	62.5	43.3	81.4	81.4	11
12	62.1	82.0	99.8	603	165	95.0	108	66.3	54.1	42.0	81.4	81.4	12
13	51.9	86.0	104	560	167	86.4	103	78.6	31.7	63.6	81.2	81.3	13
14	69.0	82.2	103	557	156	72.9	94.5	63.7	59.5	68.9	81.9	65.6	14
15	74.9	79.5	95.0	534	144	86.5	101	48.4	80.5	77.3	68.6	81.4	15
16	73.1	84.5	92.6	495	125	102	97.0	42.9	71.1	59.6	63.7	84.9	16
17	71.4	79.6	101	461	124	103	92.0	49.7	62.9	71.0	80.9	147	17
18	60.0	74.1	104	437	112	105	87.8	45.6	63.1	83.2	88.7	83.5	18
19	72.9	76.8	103	419	108	104	84.5	61.5	63.3	110	95.4	80.9	19
20	74.8	85.9	96.1	394	111	97.3	85.1	51.7	59.3	99.8	87.2	81.0	20
21	77.1	78.7	76.5	354	103	96.4	77.3	53.2	51.0	102	87.3	81.0	21
22	84.2	65.8	82.0	379	91.7	91.9	69.5	41.7	62.8	96.7	87.4	90.5	22
23	72.5	92.2	94.6	336	85.3	99.8	76.3	37.0	63.1	112	86.2	94.0	23
24	72.1	108	102	313	73.4	99.9	75.5	44.1	63.5	127	90.0	96.1	24
25	60.7	113	103	296	82.8	107	64.2	38.1	63.3	126	92.9	96.1	25
26	61.4	139	103 E	267	93.4	128	54.6	36.7	57.9	117	84.5	96.5	26
27	80.3	144	103	245	94.4	133	62.1	56.6	41.1	111	81.1	82.3	27
28	80.7	149	104	268	91.1	151	41.8	48.1	44.6	113	81.5	73.5	28
29	73.9		103	245	97.2	136	50.5	41.2	61.2	115	86.0	81.6	29
30	80.6		113	213	82.8	128	51.1	34.0	50.0	112	97.4	81.8	30
31	86.8		145		78.3		53.8	35.2		110		80.6	31
TOTAL	2 174.4	2 506.2	3 410.9	12 738	3 832.4	2 896.0	2 854.7	1 544.2	1 653.1	2 422.7	2 600.0	2 720.3	TOTAL
MEAN	70.1	89.5	110	425	124	96.5	92.1	49.8	55.1	78.2	86.7	87.8	MEAN
MAX	86.8	149	154	730	167	151	140	78.6	80.5	127	109	147	MAX
MIN	51.9	65.8	76.5	180	73.4	53.5	41.8	34.0	25.0	36.8	63.7	65.6	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 113
MAXIMUM DAILY, 730 ON APR 7
MINIMUM DAILY, 25.0 ON SEP 7

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 16 05 N
LONG 81 46 20 W
DRAINAGE AREA, 11 400 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	188 000	JUL	247 000
FEB	217 000	AUG	133 000
MAR	295 000	SEP	143 000
APR	1 100 000	OCT	209 000
MAY	331 000	NOV	225 000
JUN	250 000	DEC	235 000

TOTAL DISCHARGE, 3 570 000 dam³

DATA CONTRIBUTED BY -
EDDY FOREST PRODUCTS LIMITED

E - ESTIMATED
REGULATED

REMARKS - DRAINAGE AREA REVISED DEC 1981. EXTREME HIGH WATER SPILLED FROM ONAPING LAKE INTO UPPER SPANISH RIVER

SPANISH RIVER AT HIGH FALLS - STATION NO. 02CE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	54.5	71.5	65.2	69.0	82.0	53.8	91.3	40.9	40.4	43.0	73.6	70.2	1
2	49.7	71.5	70.9	72.8	84.5	62.4	88.3	29.4	43.5	35.1	82.1	69.5	2
3	48.8	72.1	74.5	102	82.9	65.7	69.7	26.5	43.0	20.3	57.9	70.2	3
4	49.4	73.9	75.2	165	88.4	56.4	82.6	31.2	42.5	19.8	56.3	70.7	4
5	49.4	71.1	69.9	209	89.5	51.1	92.2	39.4	25.1	30.6	57.3	70.3	5
6	49.1	71.2	72.8	390	105	28.6	91.6	44.0	19.5	36.8	57.5	70.3	6
7	59.7	66.5	61.7	367	103	24.9	97.8	41.6	22.2	36.2	52.4	70.3	7
8	60.3	68.8	55.1	351	104	46.9	71.5	30.9	32.8	36.8	57.5	65.7	8
9	57.8	71.6	64.1	316	90.4	64.6	71.9	31.4	43.7	35.1	56.3	71.3	9
10	42.8	67.8	73.5	299	80.2	64.7	71.9	38.9	50.8	22.9	55.9	68.0	10
11	40.9	68.0	74.8	264	117	69.0	75.3	56.3	43.7	21.2	52.0	66.8	11
12	52.8	72.2	78.0	263	118	67.7	75.7	64.3	20.2	26.4	59.1	50.0	12
13	57.9	71.9	75.7	271	115	50.0	77.7	57.5	20.7	35.9	58.5	48.6	13
14	58.7	72.7	66.8	268	102	50.1	80.0	51.1	49.9	38.4	37.0	61.5	14
15	59.3	72.1	68.2	261	92.9	68.4	79.0	33.1	54.7	43.3	30.3	65.9	15
16	61.2	70.5	74.0	259	76.7	80.8	72.2	33.1	48.0	40.8	45.1	70.4	16
17	52.4	63.7	72.2	243	70.5	76.8	71.6	48.8	48.3	43.2	67.4	70.2	17
18	56.8	68.9	72.8	239	69.1	77.9	61.0	51.8	42.4	61.7	69.0	72.9	18
19	57.8	72.8	73.6	232	72.5	79.0	64.3	52.8	21.5	68.7	68.4	66.1	19
20	71.1	71.8	71.9	193	63.3	71.5	64.3	44.5	21.7	65.7	71.0	65.7	20
21	72.1	52.7	48.3	204	62.4	69.4	58.5	43.3	40.3	71.2	67.0	68.0	21
22	65.3	53.1	55.6	193	57.5	73.6	52.4	20.1	51.6	67.0	68.6	81.3	22
23	68.1	65.5	55.0	175	37.0	77.9	48.5	21.9	52.0	74.0	69.9	81.9	23
24	51.3	69.1	70.9	176	40.6	78.6	46.9	32.6	50.0	73.0	69.7	83.1	24
25	50.4	70.7	73.6	166	48.4	112	46.1	39.6	42.3	73.4	67.5	84.5	25
26	60.3	73.8	60.3	150	55.1	124	46.9	42.6	23.2	72.9	66.5	76.2	26
27	64.8	73.9	111	169	56.8	120	44.2	43.6	19.0	73.7	71.2	54.6	27
28	63.4	64.8	50.9	146	50.5	124	45.2	40.7	33.7	72.6	70.1	65.9	28
29	66.6		51.1	139	56.5	92.3	40.4	20.2	45.7	73.6	70.0	66.9	29
30	71.1		59.4	89.0	37.7	94.3	41.9	25.2	49.3	73.6	69.9	66.6	30
31	71.1		74.6		30.6		41.3	39.1		73.5		66.1	31
TOTAL	1 794.9	1 934.2	2 121.6	6 440.8	2 340.0	2 176.4	2 062.2	1 216.4	1 141.7	1 560.4	1 855.0	2 129.7	TOTAL
MEAN	57.9	69.1	68.4	215	75.5	72.5	66.5	39.2	38.1	50.3	61.8	68.7	MEAN
MAX	72.1	73.9	111	390	118	124	97.8	64.3	54.7	74.0	82.1	84.5	MAX
MIN	40.9	52.7	48.3	69.0	30.6	24.9	40.4	20.1	19.0	19.8	30.3	48.6	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 73.4
MAXIMUM DAILY, 390 ON APR 6
MINIMUM DAILY, 19.0 ON SEP 27

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 22 50 N
LONG 81 34 07 W
DRAINAGE AREA, 6 800 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	155 000	JUL	178 000
FEB	167 000	AUG	105 000
MAR	183 000	SEP	98 600
APR	556 000	OCT	135 000
MAY	202 000	NOV	160 000
JUN	188 000	DEC	184 000

TOTAL DISCHARGE, 2 310 000 dam³

DATA CONTRIBUTED BY -
INTERNATIONAL NICKEL COMPANY OF CANADA LIMITED

REGULATED

REMARKS - DRAINAGE AREA REVISED DEC 1981. EXCLUDES ONAPING LAKE BASIN, BUT EXTREME HIGH WATER SPILLED INTO SPANISH RIVER

SPEED RIVER BELOW GUELPH - STATION NO. 02GA015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.95B	1.80B	14.1	11.5	4.05	1.68	1.24	1.33	3.19	3.27	9.19	6.16	1
2	2.80B	2.32B	10.5 E	10.6	3.62	1.56	1.02	1.23	3.03	3.03	7.64	6.30	2
3	2.60B	2.30B	8.50E	9.01	3.15	2.03	1.29	1.76	3.59	3.27	6.34	6.54	3
4	3.00B	2.25B	7.00E	8.05	3.00	1.31	3.01	1.56	9.34	3.07	6.39	6.45	4
5	3.74B	2.20B	5.80E	7.28	2.57	1.16	11.6	1.69	8.40	2.63	5.67	6.23	5
6	3.40B	2.25B	4.80E	6.65	2.17	1.05	10.2	1.93	9.11	4.66	5.67	5.87	6
7	3.10B	2.30B	4.10E	5.77	1.88	0.953	8.27	1.79	8.30	6.35	5.56	5.48	7
8	2.95B	2.25B	3.50E	4.88	2.07	0.866	5.82	1.78	6.65	6.84	5.34	5.34	8
9	2.80B	2.20B	3.70E	4.11	1.88	0.835	4.55	1.57	5.14	6.11	5.26	5.00B	9
10	2.70B	2.15B	3.80E	3.91	2.34	0.527	2.88	2.38	4.02	5.54	5.07	4.75B	10
11	2.60B	3.20B	3.50E	3.82	4.01	0.631	2.00	3.35	3.27	5.52	4.97	4.40B	11
12	2.50B	2.50B	3.20E	3.76	6.08	1.10	1.64	3.12	2.92	5.05	4.88	4.15B	12
13	2.40B	2.38B	2.85E	3.55	6.67	1.60	1.32	2.58	2.55	5.30	4.99	3.92B	13
14	2.28B	2.28B	2.55E	5.70	5.79	1.89	1.09	2.49	2.21	6.00	5.05	3.70	14
15	2.18B	2.12B	2.35E	6.25	5.28	1.44	1.09	3.43	1.95	5.34	4.97	3.72	15
16	2.10B	2.50B	2.20E	7.18	4.68	1.75	1.10	2.93	1.90	4.51	5.37	3.72B	16
17	2.00B	3.50B	2.00E	7.44	4.36	1.58	1.01	2.84	2.02	2.50	6.20	3.70B	17
18	1.90B	5.50B	2.00E	7.01	4.02	1.43	1.16	2.37	1.78	3.74	7.06	3.62B	18
19	1.86B	8.80B	2.02E	6.49	3.31	1.30	1.95	1.88	1.80	4.50	7.01	3.55B	19
20	1.80B	14.0 B	2.02E	5.60	2.58	1.16	1.81	1.54	2.18	5.69	7.63	3.50B	20
21	1.75B	20.0 B	1.95E	4.61	2.17	1.77	1.31	1.33	2.71	5.75	7.94	3.40B	21
22	1.70B	23.5 B	1.85E	3.73	1.66	3.14	1.02	1.24	3.02	6.73	8.28	3.35B	22
23	1.64B	23.3	2.10E	4.40	1.87	2.44	0.992	1.21	2.68	7.55	7.70	3.65B	23
24	1.60B	23.6	2.38	4.55	1.67	2.34	0.986	1.38	1.97	7.89	6.81	3.50B	24
25	1.68B	26.3	2.32	4.57	1.48	2.09	1.02	1.30	2.04	7.55	6.17	3.42B	25
26	1.70B	20.5	2.47	4.63	1.68	1.89	0.974	1.22	2.32	7.08	5.88	3.38B	26
27	1.65B	15.2	2.64	4.34	1.68	1.49	0.961	1.17	2.20	8.16	6.18	3.33B	27
28	1.56B	14.6	2.83	4.88	2.26	1.31	2.80	3.21	2.14	12.5	6.47	3.54	28
29	1.52B		3.42	4.27	3.25	1.19	2.16	2.81	2.05	16.3	6.72	3.48B	29
30	1.53B		4.78	4.15	2.23	1.13	2.01	3.16	1.91	14.3	6.51	3.42B	30
31	1.58B		9.10		1.90		1.68	3.27		11.2		3.38B	31
TOTAL	69.57	235.80	126.33	172.69	95.36	44.642	79.963	64.85	106.39	197.93	188.92	133.95	TOTAL
MEAN	2.24	8.42	4.08	5.76	3.08	1.49	2.58	2.09	3.55	6.38	6.30	4.32	MEAN
MAX	3.74	26.3	10.1	11.5	6.67	3.14	11.6	3.43	9.34	16.3	9.19	6.54	MAX
MIN	1.52	1.80	1.85	3.55	1.48	0.527	0.961	1.17	1.78	2.50	4.88	3.33	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.15
MAXIMUM DAILY, 26.3 ON FEB 25
MINIMUM DAILY, 0.527 ON JUN 10
MAXIMUM INSTANTANEOUS,
28.2 AT 01:27 EST ON FEB 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 31 30 N
LONG 80 15 44 W
DRAINAGE AREA, 593 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 010	JUL	6 910
FEB	20 400	AUG	5 600
MAR	10 900	SEP	9 190
APR	14 900	OCT	17 100
MAY	8 240	NOV	16 300
JUN	3 860	DEC	11 600

TOTAL DISCHARGE, 131 000 dam³

SPEED RIVER NEAR ARMSTRONG MILLS - STATION NO. 02GA040

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.770B	0.360B	6.14	5.69	1.07	0.559	0.249	0.203	1.02	0.902	1.97	1.75	1
2	0.620B	0.374B	4.53	4.36	0.909	0.508	0.403	0.186	0.791	1.82	1.67	3.60	2
3	0.520B	0.355B	3.43	3.24	0.828	0.478	0.222	0.242	1.63	1.33	1.44	3.90	3
4	0.420B	0.345B	3.00B	2.91	0.836	0.574	0.246	0.473	8.69	1.07	1.31	2.58	4
5	0.385B	0.340B	2.49	2.92	0.671	0.553	3.52	0.477	7.32	0.924	1.18	2.02	5
6	0.391B	0.342B	2.30B	2.33	0.683	0.378	5.00	0.567	3.65	2.01	1.26	1.57	6
7	0.390B	0.345B	2.15B	1.76	0.632	0.355	3.02	0.400	2.16	3.50	1.38	1.37	7
8	0.385B	0.340B	1.99	1.55	0.576	0.453	1.64	0.227	1.42	2.26	1.22	1.32	8
9	0.382B	0.335B	2.07	1.39	0.476	0.395	0.979	0.711	0.990	1.54	1.09	1.10 B	9
10	0.380B	0.330B	2.10	1.28	0.853	0.358	0.651	1.18	0.838	1.15	0.951	0.930B	10
11	0.380B	1.63 B	1.95B	1.09	3.89	0.575	0.372	1.44	0.740	0.913	0.917	0.820B	11
12	0.380B	1.55 B	1.78B	1.07	4.36	0.562	0.356	1.15	0.614	0.775	0.906	0.750B	12
13	0.382B	1.48 B	1.62B	1.07	2.86	0.414	0.390	0.712	0.609	0.766	0.843	0.708	13
14	0.389B	1.40 B	1.50B	3.68	2.01	0.488	0.252	0.594	0.581	0.619	0.833	0.685	14
15	0.396B	1.34 B	1.34B	4.65	1.94	0.692	0.217	1.38	0.542	0.665	0.796	0.711	15
16	0.400B	1.30 B	1.24B	2.82	1.89	0.539	0.226	2.17	0.470	1.01	1.21	0.740B	16
17	0.390B	3.00 B	1.15B	2.45	1.59	0.507	0.233	1.18	0.461	0.787	3.41	0.725B	17
18	0.380B	6.00 B	1.10B	2.44	1.17	0.382	0.150	0.790	0.411	1.60	2.75	0.710B	18
19	0.395B	12.0 B	1.14B	1.97	1.01	0.445	0.183	0.511	0.320	2.79	2.18	0.700B	19
20	0.400B	25.0 B	1.15B	1.60	0.770	0.263	0.382	0.496	0.412	1.88	3.57	0.690B	20
21	0.398B	28.5 B	1.10B	1.21	0.748	0.339	0.241	0.335	0.559	1.52	5.41	0.680B	21
22	0.390B	21.0 B	1.02	0.995	0.648	1.72	0.136	0.207	0.714	2.37	3.65	0.669	22
23	0.391B	19.5 B	1.16	1.10	0.411	2.65	0.286	0.213	0.860	3.58	2.51	0.840B	23
24	0.400B	21.6	1.28	1.74	0.426	1.32	0.116	0.325	0.600	4.48	1.93	0.790B	24
25	0.418B	9.57	1.41	1.76	0.617	1.03	0.096	0.160	0.488	3.36	1.47	0.760B	25
26	0.430B	6.51	1.61	1.43	0.578	0.781	0.128	0.108	0.710	2.76	1.28	0.750B	26
27	0.420B	5.20	1.99	1.19	0.580	0.405	0.286	0.124	0.883	3.89	4.35	0.730B	27
28	0.395B	6.14	2.14	1.14	0.732	0.375	0.293	0.375	0.887	9.45	4.67	0.780B	28
29	0.375B		2.30	1.32	0.678	0.406	0.948	0.413	0.594	6.11	2.91	0.770B	29
30	0.355B		5.71	1.27	0.623	0.326	0.712	0.804	0.588	3.83	2.14	0.750B	30
31	0.350B		8.08		0.592		0.436	1.22		2.57		0.735B	31
TOTAL	12.857	176.186	71.97	63.425	35.657	18.830	22.369	19.373	40.552	72.231	61.206	35.633	TOTAL
MEAN	0.415	6.29	2.32	2.11	1.15	0.628	0.722	0.625	1.35	2.33	2.04	1.15	MEAN
MAX	0.770	28.5	8.08	5.69	4.36	2.65	5.00	2.17	8.69	9.45	5.41	3.90	MAX
MIN	0.350	0.330	1.02	0.995	0.411	0.263	0.096	0.108	0.320	0.619	0.796	0.669	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.73
MAXIMUM DAILY, 28.5B ON FEB 21
MINIMUM DAILY, 0.096 ON JUL 25
MAXIMUM INSTANTANEOUS,
34.0 AT 00:30 EST ON FEB 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 38 19 N
LONG 80 16 12 W
DRAINAGE AREA, 167 km²

B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 110	JUL	1 930
FEB	15 200	AUG	1 670
MAR	6 220	SEP	3 500
APR	5 480	OCT	6 240
MAY	3 080	NOV	5 290
JUN	1 630	DEC	3 000

TOTAL DISCHARGE, 54 400 dam³

SPENCER CREEK AT DUNDAS CROSSING - STATION NO. 02HB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.258B	0.450B	4.22	2.31	2.08	0.587	0.259	0.866	1.45	0.802	2.84	2.03	1
2	0.252B	0.440B	3.89	2.26	1.83	0.485	0.249	0.652	1.42	0.901	2.62	2.33	2
3	0.250B	0.425B	2.87	2.11	1.56	0.391	0.265	0.570	1.39	0.872	2.39	2.25	3
4	0.245B	0.410B	2.63	2.06	1.30	0.426	0.341	0.577	3.99	0.874	2.18	2.03	4
5	0.242B	0.395B	2.80	1.86	0.679	0.420	0.515	0.427	3.72	0.888	2.04	1.97	5
6	0.250B	0.400B	2.34	1.69	0.155	0.448	0.487	0.328	4.78	1.15	1.92	1.91	6
7	0.248B	0.410B	2.08	1.49	0.145	0.390	0.359	0.330	3.75	1.50	1.79	1.82	7
8	0.245B	0.405B	2.14	1.34	0.145	0.322	0.317	0.508	2.39	1.49	1.69	1.81	8
9	0.244B	0.400B	2.03	1.18	0.177	0.296	0.369	0.610	2.38	1.48	1.63	1.49	9
10	0.242B	0.390B	1.96	1.06	0.259	0.261	0.339	0.396	4.18	1.44	1.63	1.35	10
11	0.243B	2.00 B	1.89	0.995	0.325	0.262	0.269	0.648	2.50	1.47	1.63	1.48	11
12	0.245B	1.91 B	1.79	0.909	0.320	0.237	0.213	0.682	0.204	1.49	1.57	1.13	12
13	0.248B	1.84 B	1.75	0.918	0.182	0.300	0.187	0.819	0.282	1.40	1.52	1.05	13
14	0.250B	1.75 B	1.54	1.84	0.704	0.463	0.169	0.946	2.32	1.30	1.50	1.02	14
15	0.258B	1.70 B	1.48	2.10	1.24	0.517	0.205	0.985	2.95	1.11	1.43	1.02	15
16	0.260B	2.10 B	1.52	1.95	1.51	0.468	0.217	0.890	1.74	1.01	1.53	0.975	16
17	0.258B	4.00 B	1.21	2.19	1.56	0.421	0.140	0.698	0.227	0.899	1.63	0.836	17
18	0.255B	9.00 B	0.933	2.50	1.45	0.370	0.137	0.611	0.313	4.18	1.61	0.835	18
19	0.262B	11.5 B	0.938	2.20	1.27	0.330	0.153	0.525	0.261	4.35	1.62	0.807	19
20	0.270B	13.3	0.876	1.94	1.00	0.301	0.267	0.428	0.377	2.49	2.44	0.729	20
21	0.268B	11.3	0.708	1.70	0.866	0.355	0.298	0.305	0.410	1.86	3.06	0.664	21
22	0.264B	7.20	0.875	1.62	0.786	0.708	0.533	0.283	0.998	2.58	2.92	0.737	22
23	0.310B	7.23	1.00	1.70	0.802	0.877	0.655	0.350	1.47	3.82	2.84	0.823	23
24	0.350B	6.44	1.02	2.36	0.645	0.941	0.528	0.184	1.32	3.67	2.66	0.810B	24
25	0.400B	5.61	1.07	2.36	0.607	0.809	0.423	0.165	0.871	3.17	2.23	0.800B	25
26	0.470B	5.15	1.14	1.87	0.428	0.531	0.339	0.110	0.772	2.89	2.18	0.780B	26
27	0.460B	4.51	1.45	1.69	0.155	0.519	0.306	0.092	0.950	3.41	2.46	0.770B	27
28	0.440B	4.38	1.55	2.07	0.174	0.511	0.540	0.128	0.998	4.17	2.33	0.810B	28
29	0.420B		1.63	2.52	0.194	0.299	0.801	0.200	0.896	3.90	2.16	0.800B	29
30	0.400B		2.08	2.31	0.417	0.254	0.844	0.843	0.756	3.41	1.98	0.780B	30
31	0.420B		2.44		0.588		0.844	1.45		3.06		0.810B	31
TOTAL	9.227	105.045	55.850	55.102	23.553	13.499	11.568	16.606	50.065	67.036	62.03	37.456	TOTAL
MEAN	0.298	3.75	1.80	1.84	0.760	0.450	0.373	0.536	1.67	2.16	2.07	1.21	MEAN
MAX	0.470	13.3	4.22	2.52	2.08	0.941	0.844	1.45	4.78	4.35	3.06	2.33	MAX
MIN	0.242	0.390	0.708	0.909	0.145	0.237	0.137	0.092	0.204	0.802	1.43	0.664	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.39
MAXIMUM DAILY, 13.3 ON FEB 20
MINIMUM DAILY, 0.092 ON AUG 27
MAXIMUM INSTANTANEOUS,
14.4 AT 06:24 EST ON FEB 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 16 17 N
LONG 79 58 21 W
DRAINAGE AREA, 166 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	797	JUL	999
FEB	9 080	AUG	1 430
MAR	4 830	SEP	4 330
APR	4 760	OCT	5 790
MAY	2 030	NOV	5 360
JUN	1 170	DEC	3 240

TOTAL DISCHARGE, 43 800 dam³

SPENCER CREEK NEAR WESTOVER - STATION NO. 02HB015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.110B	0.090B	1.61	1.15	0.662	0.184	0.102	0.210	0.614	0.276	1.06	0.669	1
2	0.100B	0.090B	1.37 B	1.14	0.580	0.155	0.099	0.137	0.653	0.382	0.939	0.700	2
3	0.095B	0.090B	1.31 B	1.05	0.487	0.206	0.087	0.174	0.755	0.431	0.852	0.698	3
4	0.085B	0.095B	1.05	0.957	0.441	0.293	0.107	0.137	1.07	0.410	0.813	0.689	4
5	0.070B	0.097B	0.880	0.855	0.411	0.273	0.127	0.124	1.24	0.378	0.759	0.661	5
6	0.075B	0.099B	0.788	0.765	0.378	0.212	0.120	0.265	1.34	0.465	0.742	0.618	6
7	0.070B	0.100B	0.752	0.657	0.338	0.161	0.097	0.220	1.49	0.599	0.769	0.566	7
8	0.068B	0.095B	0.776	0.568	0.307	0.135	0.067	0.170	1.45	0.673	0.849	0.562	8
9	0.062B	0.090B	0.747	0.520	0.278	0.130	0.066	0.192	1.13	0.696	0.864	0.494	9
10	0.060B	0.088B	0.729	0.457	0.293	0.124	0.056	0.222	0.886	0.672	0.846	0.435	10
11	0.059B	0.183B	0.706	0.439	0.479	0.111	0.045	0.398	0.775	0.606	0.836	0.382	11
12	0.059B	0.180B	0.651	0.432	0.599	0.099	0.036	0.497	0.728	0.550	0.811	0.364	12
13	0.060B	0.165B	0.672	0.395	0.598	0.113	0.026	0.507	0.688	0.495	0.788	0.334	13
14	0.067B	0.155B	0.571	0.611	0.537	0.169	0.021	0.413	0.611	0.466	0.786	0.330	14
15	0.070B	0.140B	0.559	0.777	0.514	0.201	0.020	0.377	0.514	0.455	0.775	0.337	15
16	0.075B	0.200B	0.510B	0.859	0.522	0.179	0.018	0.449	0.477	0.465	0.776	0.345	16
17	0.065B	0.350B	0.491	0.869	0.487	0.150	0.017	0.441	0.480	0.447	0.836	0.347	17
18	0.060B	0.630B	0.433	0.875	0.432	0.124	0.041	0.352	0.483	0.632	0.843	0.312	18
19	0.065B	1.04	0.399	0.794	0.368	0.100	0.109	0.232	0.532	0.720	0.822	0.279	19
20	0.070B	2.62	0.359	0.723	0.318	0.094	0.395	0.161	0.528	0.803	1.00	0.241	20
21	0.065B	4.59	0.380	0.633	0.288	0.138	0.562	0.133	0.448	0.877	1.22	0.220	21
22	0.060B	5.25	0.370	0.540	0.245	0.277	0.456	0.122	0.499	1.00	1.24	0.215	22
23	0.063B	4.69	0.409	0.573	0.215	0.371	0.241	0.158	0.517	1.22	1.17	0.231	23
24	0.070B	3.66	0.458	0.661	0.198	0.327	0.132	0.176	0.468	1.23	1.06	0.254	24
25	0.075B	3.05	0.510	0.686	0.200	0.231	0.091	0.103	0.412	1.20	0.867	0.268	25
26	0.082B	2.57	0.548	0.646	0.186	0.154	0.081	0.093	0.381	1.20	0.781	0.262	26
27	0.080B	2.20	0.629	0.591	0.191	0.117	0.072	0.085	0.366	1.30	0.772	0.267	27
28	0.080B	1.78	0.698	0.629	0.220	0.098	0.187	0.106	0.339	1.37	0.740	0.290	28
29	0.080B		0.735	0.685	0.251	0.085	0.474	0.148	0.298	1.31	0.714	0.304	29
30	0.080B		0.847	0.704	0.252	0.074	0.501	0.240	0.266	1.23	0.686	0.305	30
31	0.080B		1.01		0.223		0.357	0.455		1.18		0.310	31
TOTAL	2.260	34.387	21.917	21.241	11.498	5.085	4.810	7.497	20.438	23.738	26.016	12.289	TOTAL
MEAN	0.073	1.23	0.707	0.708	0.371	0.170	0.155	0.242	0.681	0.766	0.867	0.396	MEAN
MAX	0.110	5.25	1.61	1.15	0.662	0.371	0.562	0.507	1.49	1.37	1.24	0.700	MAX
MIN	0.059	0.088	0.340	0.395	0.186	0.074	0.017	0.085	0.266	0.276	0.686	0.215	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.524
MAXIMUM DAILY, 5.25 ON FEB 22
MINIMUM DAILY, 0.017 ON JUL 17
MAXIMUM INSTANTANEOUS,
5.39 AT 01:46 EST ON FEB 22

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 21 10 N
LONG 80 04 40 W
DRAINAGE AREA, 63.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	195	JUL	416
FEB	2 970	AUG	648
MAR	1 890	SEP	1 770
APR	1 840	OCT	2 050
MAY	993	NOV	2 250
JUN	439	DEC	1 060

TOTAL DISCHARGE, 16 500 dam³

ST. CLAIR RIVER AT POINT EDWARD - STATION NO. 02GG010

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176.29	175.97	176.17	176.05	176.26	176.27	176.37	176.34	176.28	176.22	176.23	176.03	1
2	176.38	176.11	176.24	176.14	176.26	176.25	176.36	176.33	176.38	176.47	176.24	176.08	2
3	176.37	176.13	176.19	176.05	176.21	176.26	176.35	176.34	176.37	176.40	176.21	176.14	3
4	176.43	176.17	176.14	176.05	176.19	176.29	176.35	176.35	176.41	176.32	176.23	176.16	4
5	176.31	176.09	176.18	176.18	176.26	176.27	176.36	176.38	176.42	176.30	176.19	176.21	5
6	176.23	176.11	176.20	176.18	176.32	176.30	176.35	176.35	176.40	176.35	176.39	176.14	6
7	176.49	176.05	176.20	176.09	176.25	176.30	176.35	176.33	176.37	176.49	176.30	176.13	7
8	176.40	176.06	176.17	176.12	176.24	176.24	176.34	176.36	176.44	176.37	176.26	176.27	8
9	176.34	176.11	176.14	176.19	176.24	176.30	176.38	176.36	176.40	176.31	176.29	176.29	9
10	176.39	176.06	176.14	176.14	176.33	176.30	176.37	176.34	176.37	176.27	176.17	176.31	10
11	176.37	176.12	176.17	176.16	176.35	176.30	176.36	176.36	176.33	176.30	176.27	176.23	11
12	176.29	176.14	176.12	176.16	176.35	176.30	176.35	176.36	176.37	176.27	176.18	176.13	12
13	176.25	176.10	176.22	176.15	176.30	176.29	176.39	176.36	176.36	176.22	176.17	176.11	13
14	176.28	176.11	176.16	176.26	176.30	176.27	176.42	176.33	176.37	176.20	176.16	176.11	14
15	176.25	176.04	176.18	176.24	176.33	176.28	176.37	176.38	176.38	176.27	176.16	176.14	15
16	176.30	176.03	176.20	176.19	176.32	176.32	176.36	176.42	176.37	176.31	176.16	176.14	16
17	176.27	176.05	176.25	176.21	176.30	176.34	176.36	176.38	176.39	176.18	176.19	176.14	17
18	176.27	176.06	176.17	176.27	176.29	176.30	176.35	176.36	176.36	176.20	176.22	176.14	18
19	176.25	176.10	176.16	176.22	176.29	176.36	176.34	176.36	176.37	176.34	176.20	176.19	19
20	176.24	176.19	176.18	176.28	176.28	176.33	176.37	176.36	176.36	176.27	176.27	176.10	20
21	176.18	176.16	176.13	176.20	176.28	176.32	176.41	176.34	176.34	176.29	176.29	176.01	21
22	176.24	176.10	176.11	176.15	176.27	176.38	176.38	176.33	176.39	176.25	176.23	176.09	22
23	176.21	176.09	176.11	176.14	176.25	176.37	176.36	176.32	176.37	176.30	176.18	176.09	23
24	176.18	176.13	176.12	176.26	176.25	176.32	176.34	176.36	176.32	176.27	176.17	176.09	24
25	176.05	176.22	176.11	176.26	176.25	176.38	176.32	176.31	176.28	176.23	176.15	176.11	25
26	176.04	176.20	176.07	176.22	176.28	176.38	176.38	176.30	176.23	176.26	176.02	176.07	26
27	176.14	176.11	176.12	176.23	176.30	176.36	176.39	176.30	176.30	176.29	176.11	176.00	27
28	176.12	176.12	176.05	176.24	176.29	176.31	176.40	176.28	176.43	176.30	176.25	176.08	28
29	176.15		176.08	176.26	176.26	176.33	176.42	176.26	176.33	176.22	176.21	176.09	29
30	176.15		176.09	176.28	176.30	176.38	176.38	176.31	176.26	176.19	176.15	176.05	30
31	176.09		176.11		176.30		176.35	176.29		176.16		175.93	31
MEAN	176.26	176.10	176.15	176.19	176.28	176.31	176.37	176.34	176.36	176.28	176.21	176.12	MEAN
MAX	176.49	176.22	176.25	176.28	176.35	176.38	176.42	176.42	176.44	176.49	176.39	176.31	MAX
MIN	176.04	175.97	176.05	176.05	176.19	176.24	176.32	176.26	176.23	176.16	176.02	175.93	MIN

WATER LEVELS IN METRES

MEAN, 176.25
MAXIMUM DAILY, 176.49 ON JAN 7
MINIMUM DAILY, 175.93 ON DEC 31
MAXIMUM INSTANTANEOUS,
176.68 AT 01:45 EST ON JAN 7

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 59 27 N
LONG 82 25 17 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 11940 POINT EDWARD, ONT

ST. CLAIR RIVER AT PORT LAMBTON - STATION NO. 02GG011

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	175.31	175.22	175.32	175.23	175.35	175.35	175.46	175.46	---	175.49	175.36	175.28	1
2	175.33	175.26	175.32	175.22	175.35	175.35	175.46	175.45	175.42	175.52	175.35	175.30	2
3	175.30	175.30	175.29	175.24	175.35	175.36	175.47	175.45	175.43	175.52	175.34	175.25	3
4	175.27	175.42	175.27	175.27	175.33	175.36	175.47	175.46	175.48	175.50	175.34	175.23	4
5	175.23	175.38	175.25	175.25	175.32	175.37	175.46	175.44	175.47	175.47	175.34	175.26	5
6	175.18	175.40	175.26	175.22	175.29	175.37	175.46	175.44	175.48	175.49	175.36	175.27	6
7	175.28	175.35	175.25	175.23	175.31	175.37	175.46	175.45	175.49	175.46	175.33	175.25	7
8	175.10	175.30	175.24	175.24	175.32	175.37	175.46	175.47	175.49	175.43	175.34	175.25	8
9	175.08	175.31	175.24	175.23	175.33	175.38	175.47	175.47	175.49	175.41	175.32	175.25	9
10	175.11	175.31	175.23	175.23	175.34	175.38	175.47	175.47	175.49	175.39	175.33	175.26	10
11	175.11	175.36	175.23	175.23	175.37	175.38	175.46	175.46	175.45	175.39	175.32	175.26	11
12	175.10	175.39	175.25	175.24	175.39	175.38	175.47	175.45	175.44	175.39	175.30	175.23	12
13	---	175.35	175.23	175.25	175.39	175.39	175.47	175.45	175.44	175.38	175.28	175.23	13
14	---	175.38	175.24	175.32	175.37	175.39	175.46	175.45	175.44	175.37	175.28	175.22	14
15	---	175.32	175.26	175.32	175.39	175.42	175.46	175.47	175.43	175.36	175.27	175.22	15
16	---	175.27	175.21	175.32	175.40	175.43	175.46	175.45	175.43	175.36	175.27	175.23	16
17	---	175.24	175.24	175.32	175.38	175.42	175.46	175.45	175.42	175.35	175.28	175.20	17
18	---	175.23	175.22	175.31	175.37	175.43	175.46	175.45	175.42	175.42	175.28	175.22	18
19	---	175.24	175.21	175.31	175.37	175.42	175.45	175.44	175.45	175.35	175.25	175.22	19
20	---	175.29	175.22	175.29	175.37	175.42	175.47	175.44	175.43	175.37	175.33	175.23	20
21	---	175.31	175.20	175.30	175.37	175.42	175.47	175.44	175.41	175.32	175.30	175.25	21
22	---	175.30	175.20	175.29	175.35	175.46	175.46	175.43	175.43	175.33	175.29	175.24	22
23	175.31	175.31	175.19	175.32	175.35	175.46	175.46	175.42	175.44	175.38	175.28	175.25	23
24	175.29	175.34	175.20	175.32	175.35	175.46	175.45	175.42	175.43	175.38	175.26	175.27	24
25	175.22	175.36	175.19	175.32	175.36	175.47	175.45	175.41	175.42	175.37	175.27	175.26	25
26	175.24	175.35	175.20	175.31	175.35	175.46	175.46	175.41	175.41	175.36	175.26	175.24	26
27	175.24	175.33	175.19	175.32	175.35	175.46	175.46	175.40	175.44	175.38	175.29	175.24	27
28	175.32	175.33	175.19	175.33	175.35	175.46	175.49	175.41	175.41	175.41	175.27	175.24	28
29	175.33		175.21	175.35	175.36	175.46	175.48	---	175.39	175.40	175.26	175.25	29
30	175.33		175.22	175.36	175.36	175.44	175.48	---	175.38	175.38	175.26	175.24	30
31	175.29		175.21		175.36		175.47	---		175.36		175.21	31
MEAN	---	175.32	175.23	175.28	175.35	175.41	175.46	---	---	175.40	175.30	175.24	MEAN
MAX	---	175.42	175.32	175.36	175.40	175.47	175.49	---	---	175.52	175.36	175.30	MAX
MIN	---	175.22	175.19	175.22	175.29	175.35	175.45	---	---	175.32	175.25	175.20	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 175.52 ON OCT 2

MAXIMUM INSTANTANEOUS,
175.60 AT 13:45 EST ON OCT 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 39 33 N
LONG 82 30 25 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 11950 PORT LAMBTON, ONT

ST. LAWRENCE RIVER AT BROCKVILLE - STATION NO. 02MB007

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	74.16	74.03	74.44	74.34	74.39	74.54	74.58	74.59	74.47	74.35	74.34	74.26	1
2	74.23	74.10	74.44	74.39	74.41	74.53	74.58	74.60	74.48	74.38	74.35	74.33	2
3	74.16	74.08	74.38	74.35	74.42	74.53	74.62	74.59	74.47	74.39	74.33	74.30	3
4	74.19	74.08	74.35	74.35	74.41	74.56	74.63	74.58	74.46	74.41	74.33	74.27	4
5	74.16	74.05	74.30	74.39	74.41	74.56	74.62	74.58	74.48	74.37	74.32	74.24	5
6	74.16	74.04	74.37	74.38	74.39	74.59	74.65	74.57	74.48	74.41	74.37	74.23	6
7	74.21	74.02	74.38	74.35	74.43	74.57	74.65	74.54	74.48	74.50	74.35	74.22	7
8	74.17	74.04	74.37	74.34	74.43	74.56	74.67	74.52	74.53	74.40	74.36	74.19	8
9	74.15	74.07	74.39	74.36	74.43	74.59	74.67	74.58	74.51	74.36	74.33	74.21	9
10	74.17	73.99	74.39	74.34	74.39	74.58	74.66	74.58	74.59	74.34	74.31	74.20	10
11	74.16	74.09	74.38	74.34	74.42	74.61	74.66	74.60	74.52	74.32	74.33	74.20	11
12	74.13	74.09	74.39	74.23	74.50	74.58	74.65	74.61	74.53	74.29	74.28	74.19	12
13	74.08	74.03	74.43	74.28	74.55	74.56	74.65	74.59	74.54	74.30	74.31	74.21	13
14	74.06	74.03	74.38	74.43	74.51	74.56	74.62	74.56	74.51	74.31	74.27	74.20	14
15	74.04	74.02	74.42	74.36	74.46	74.57	74.63	74.59	74.48	74.32	74.22	74.19	15
16	74.06	74.05	74.34	74.42	74.51	74.60	74.64	74.58	74.41	74.32	74.24	74.21	16
17	74.08	74.07	74.40	74.37	74.50	74.61	74.63	74.56	74.36	74.29	74.28	74.16	17
18	74.10	74.08	74.38	74.39	74.52	74.59	74.61	74.56	74.44	74.38	74.31	74.13	18
19	74.12	74.08	74.34	74.37	74.53	74.60	74.59	74.56	74.47	74.43	74.29	74.14	19
20	74.06	74.10	74.32	74.35	74.52	74.57	74.61	74.54	74.45	74.38	74.24	74.16	20
21	74.05	74.18	74.33	74.36	74.53	74.57	74.61	74.54	74.43	74.31	74.33	74.21	21
22	74.09	74.18	74.32	74.34	74.51	74.63	74.60	74.52	74.37	74.22	74.35	74.18	22
23	74.07	74.21	74.32	74.31	74.50	74.65	74.59	74.54	74.36	74.29	74.32	74.11	23
24	74.05	74.27	74.33	74.39	74.52	74.63	74.58	74.52	74.39	74.31	74.28	74.24	24
25	74.04	74.32	74.32	74.42	74.51	74.66	74.59	74.46	74.42	74.30	74.27	74.19	25
26	74.07	74.34	74.32	74.45	74.52	74.69	74.59	74.49	74.40	74.27	74.23	74.09	26
27	74.08	74.38	74.32	74.44	74.50	74.65	74.57	74.49	74.47	74.25	74.41	74.02	27
28	74.04	74.41	74.33	74.41	74.51	74.63	74.51	74.45	74.50	74.25	74.39	74.12	28
29	74.03		74.37	74.42	74.52	74.63	74.55	74.46	74.45	74.26	74.31	74.09	29
30	74.04		74.34	74.44	74.55	74.63	74.59	74.48	74.41	74.27	74.28	74.09	30
31	74.04		74.35		74.56		74.59	74.48		74.30		74.07	31
MEAN	74.10	74.12	74.36	74.37	74.48	74.59	74.61	74.55	74.46	74.33	74.31	74.18	MEAN
MAX	74.23	74.41	74.44	74.45	74.56	74.69	74.67	74.61	74.59	74.50	74.41	74.33	MAX
MIN	74.03	73.99	74.30	74.23	74.39	74.53	74.51	74.45	74.36	74.22	74.22	74.02	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 74.37
MAXIMUM DAILY, 74.69 ON JUN 26
MINIMUM DAILY, 73.99 ON FEB 10
MAXIMUM INSTANTANEOUS,
74.78 AT 06:15 EST ON JUN 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 35 00 N
LONG 75 41 30 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 14400 BROCKVILLE, ONT

ST. LAWRENCE RIVER AT CORNWALL - STATION NO. 02MC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5 950	6 800	6 800	7 500	7 020	7 110	7 310	7 530	8 100	8 550	8 500	8 410	1
2	6 030	6 800	7 140	7 500	7 050	7 110	7 310	7 530	8 100	8 550	8 410	8 410	2
3	6 230	6 800	7 360	7 500	7 050	7 110	7 310	7 700	8 100	8 520	8 500	8 410	3
4	6 370	6 800	7 360	7 700	7 050	7 110	7 390	7 730	8 100	8 520	8 330	8 410	4
5	6 800	6 800	7 360	7 700	7 050	7 110	7 390	7 730	8 180	8 520	8 410	8 380	5
6	6 510	6 800	7 360	7 700	7 050	7 140	7 390	7 730	8 180	8 520	8 440	8 380	6
7	6 510	6 910	7 560	7 700	7 050	7 140	7 390	7 730	8 180	8 520	8 410	8 380	7
8	6 510	6 910	7 560	7 700	7 050	7 140	7 360	7 790	8 160	8 520	8 410	8 380	8
9	6 800	6 910	7 560	7 700	6 940	7 140	7 390	7 790	8 180	8 520	8 410	8 380	9
10	6 230	6 910	7 560	7 700	6 940	7 140	7 450	7 790	8 180	8 500	8 410	8 380	10
11	6 230	6 910	7 560	7 390	6 940	7 140	7 420	7 790	8 180	8 500	8 410	8 380	11
12	7 020	6 910	7 560	7 390	6 940	7 140	7 420	7 790	8 500	8 500	8 410	8 350	12
13	7 020	6 910	7 560	7 390	6 940	7 110	7 450	7 790	8 500	8 500	8 410	8 330	13
14	7 020	6 880	7 590	7 390	6 940	7 110	7 450	7 790	8 500	8 520	8 410	8 330	14
15	7 020	6 880	7 590	7 390	6 940	7 110	7 450	7 990	8 500	8 470	8 410	8 330	15
16	7 020	6 880	7 590	7 420	6 910	7 110	7 480	7 990	8 500	8 500	8 410	8 330	16
17	6 800	6 880	7 590	7 360	6 910	7 110	7 450	7 990	8 500	8 440	8 410	8 330	17
18	6 800	6 880	7 620	7 160	6 910	7 110	7 450	7 990	8 500	8 440	8 410	8 330	18
19	6 800	6 880	7 590	7 160	6 910	7 110	7 450	7 990	8 550	8 440	8 410	8 330	19
20	6 800	6 880	7 590	7 160	6 910	7 190	7 450	7 990	8 550	8 440	8 410	8 330	20
21	6 800	6 940	7 560	7 160	6 910	7 190	7 450	7 990	8 500	8 440	8 410	8 640	21
22	6 800	6 940	7 560	7 160	6 910	7 190	7 450	8 070	8 520	8 440	8 410	8 640	22
23	6 800	6 940	7 560	7 160	7 110	7 190	7 450	8 070	8 610	8 440	8 410	8 640	23
24	6 800	6 940	7 560	7 160	7 110	7 190	7 450	8 070	8 550	8 410	8 410	8 640	24
25	6 800	6 600	7 560	7 020	7 110	7 190	7 560	8 070	8 550	8 410	8 410	8 640	25
26	6 800	6 090	7 560	6 990	7 110	7 190	7 560	8 070	8 550	8 410	8 410	8 780	26
27	6 800	6 030	7 560	7 020	7 110	7 310	7 560	8 070	8 550	8 410	8 410	8 780	27
28	6 800	6 570	7 500	7 020	7 110	7 310	7 560	8 070	8 550	8 410	8 410	8 780	28
29	6 800		7 500	7 020	7 110	7 310	7 560	8 100	8 550	8 410	8 410	8 780	29
30	6 800		7 500	7 020	7 140	7 310	7 560	8 100	8 550	8 410	8 410	8 780	30
31	6 800		7 500		7 110		7 590	8 100		8 520		8 780	31
TOTAL	207 270	190 380	232 380	220 340	217 340	214 870	230 910	244 930	251 720	262 700	252 430	263 170	TOTAL
MEAN	6 690	6 800	7 500	7 340	7 010	7 160	7 450	7 900	8 390	8 470	8 410	8 490	MEAN
MAX	7 020	6 940	7 620	7 700	7 140	7 310	7 590	8 100	8 610	8 550	8 500	8 780	MAX
MIN	5 950	6 030	6 800	6 990	6 910	7 110	7 310	7 530	8 100	8 410	8 330	8 330	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7 640
MAXIMUM DAILY, 8 780 ON DEC 26
MINIMUM DAILY, 5 950 ON JAN 1

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 45 00 21 N
LONG 74 47 43 W
DRAINAGE AREA, 774 000 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	17 900 000	JUL	20 000 000
FEB	16 400 000	AUG	21 200 000
MAR	20 100 000	SEP	21 700 000
APR	19 000 000	OCT	22 700 000
MAY	18 800 000	NOV	21 800 000
JUN	18 600 000	DEC	22 700 000

TOTAL DISCHARGE, 241 000 000 dam³

DATA CONTRIBUTED BY -
INTERNATIONAL ST. LAWRENCE RIVER BOARD OF CONTROL

REGULATED

ST. LAWRENCE RIVER AT IROQUOIS ISLAND (ABOVE) - STATION NO. 02MB008

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	73.64	73.12	73.94	73.65	73.82	74.01	73.97	73.94	---	73.44	73.43	73.37	1
2	73.68	73.17	73.90	73.71	73.83	73.98	73.95	73.95	---	73.45	---	73.42	2
3	73.53	73.17	73.76	73.69	73.85	73.98	74.01	73.92	---	73.48	---	73.43	3
4	73.44	73.17	73.71	73.67	73.84	74.01	74.03	73.88	---	73.52	---	73.39	4
5	73.31	73.18	73.62	73.70	73.84	74.02	74.01	73.88	---	73.49	---	73.35	5
6	73.28	73.16	73.68	73.71	73.82	74.05	74.04	73.87	---	73.49	---	73.31	6
7	73.37	73.15	73.71	73.67	73.84	74.03	74.05	73.83	---	73.66	---	73.32	7
8	73.36	73.12	73.68	73.64	73.89	74.02	74.08	73.79	---	73.55	---	73.26	8
9	73.29	73.15	73.70	73.65	73.89	74.05	74.09	73.84	---	73.48	---	73.27	9
10	73.34	73.09	73.70	73.64	73.86	74.04	74.06	73.88	---	73.43	---	73.27	10
11	73.39	73.13	73.70	73.66	73.84	74.07	74.06	73.90	---	73.41	---	73.28	11
12	73.25	73.13	73.71	73.55	73.96	74.04	74.04	73.92	---	73.34	---	73.26	12
13	73.09	73.04	73.76	73.56	74.07	74.00	74.04	73.91	---	73.36	---	73.29	13
14	73.01	73.05	73.72	73.75	74.02	73.99	74.01	73.86	---	73.37	---	73.29	14
15	72.96	73.07	73.75	73.76	73.93	74.02	74.00	73.85	---	73.40	---	73.26	15
16	72.94	73.12	73.66	73.80	73.98	74.06	74.01	73.86	---	73.41	---	73.27	16
17	73.00	73.16	73.67	73.76	73.97	74.08	74.01	73.83	---	73.39	---	73.25	17
18	73.07	73.20	73.71	73.78	74.00	74.06	73.99	73.82	---	73.47	---	73.11	18
19	73.11	73.37	73.65	73.78	74.02	74.06	73.96	73.81	---	73.60	73.41	73.19	19
20	73.07	73.40	73.61	73.76	74.02	74.00	73.96	73.79	---	73.55	73.32	73.23	20
21	73.06	73.50	73.61	73.75	74.03	73.98	73.98	73.78	---	73.48	73.40	73.24	21
22	73.09	73.55	73.61	73.74	74.00	74.04	73.95	73.76	73.45	73.32	73.49	73.23	22
23	73.11	73.57	73.60	73.69	73.95	74.11	73.94	73.77	73.42	73.35	73.47	73.11	23
24	73.10	73.66	73.62	73.76	73.96	74.09	73.93	73.77	73.45	73.42	73.40	73.22	24
25	73.08	73.75	73.61	73.84	73.96	74.10	73.94	73.67	73.50	73.40	73.37	73.25	25
26	73.11	73.87	73.62	73.90	73.98	74.15	73.94	73.68	73.50	73.38	73.32	73.12	26
27	73.12	73.96	73.60	73.89	73.96	74.09	73.91	73.71	73.57	73.35	73.46	72.93	27
28	73.10	73.93	73.63	73.86	73.95	74.06	73.85	73.66	73.64	73.34	73.59	73.02	28
29	73.08		73.70	73.85	73.96	74.05	73.80	73.64	73.59	73.34	73.48	73.00	29
30	73.12		73.67	73.88	74.00	74.05	73.91	73.67	73.54	73.34	73.41	73.02	30
31	73.13		73.69		74.01		73.93	73.67		73.37		72.99	31
MEAN	73.20	73.32	73.69	73.74	73.94	74.04	73.98	73.81	---	73.43	---	73.23	MEAN
MAX	73.68	73.96	73.94	73.90	74.07	74.15	74.09	73.95	---	73.66	---	73.43	MAX
MIN	72.94	73.04	73.60	73.55	73.82	73.98	73.80	73.64	---	73.32	---	72.93	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1981

MAXIMUM DAILY, 74.15 ON JUN 26
MINIMUM DAILY, 72.93 ON DEC 27
MAXIMUM INSTANTANEOUS,
74.29 AT 07:00 EST ON JUN 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 49 20 N
LONG 75 19 14 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 14600 IROQUOIS LOCK (ABOVE), ONT

ST. LAWRENCE RIVER AT IROQUOIS ISLAND (BELOW) - STATION NO. 02MB009

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	73.57	73.00	73.86	---	73.74	73.92	73.88	73.85	73.55	73.31	73.29	73.23	1
2	73.59	73.04	73.82	---	73.75	73.90	---	73.86	73.56	73.30	73.33	73.28	2
3	73.37	73.05	73.68	73.60	73.77	73.90	---	73.83	73.56	73.34	73.31	73.29	3
4	73.28	73.05	73.62	73.57	73.76	73.93	---	---	73.54	73.38	73.34	73.26	4
5	73.14	73.06	73.52	73.60	73.76	73.94	---	---	73.54	73.36	73.32	73.22	5
6	73.12	73.06	73.58	73.61	73.74	73.97	---	---	73.53	73.35	73.36	73.18	6
7	73.22	73.04	73.61	73.57	73.76	73.95	---	---	73.53	73.53	73.37	73.18	7
8	73.21	72.99	73.58	73.54	73.81	73.94	73.99	73.69	73.59	73.42	73.37	73.13	8
9	73.14	73.02	73.60	73.54	73.81	73.96	74.01	73.74	73.61	73.35	73.35	73.13	9
10	73.20	72.94	73.61	73.54	73.78	73.96	73.98	73.78	73.68	73.30	73.29	73.13	10
11	73.26	72.99	73.60	73.57	73.76	73.99	73.97	73.80	73.65	73.27	73.30	73.15	11
12	73.10	73.00	73.61	73.46	73.87	73.96	73.96	73.83	73.57	73.21	73.26	73.12	12
13	72.93	72.90	73.65	73.46	73.99	73.92	73.95	73.81	73.57	73.21	73.28	73.15	13
14	72.83	72.92	73.62	73.65	73.95	73.91	73.93	73.76	73.55	73.23	73.25	73.16	14
15	72.78	72.94	73.65	73.67	73.85	73.94	73.91	73.75	73.50	73.26	73.17	73.13	15
16	72.77	72.97	73.56	73.71	73.90	73.97	73.92	73.75	73.41	73.27	73.13	73.12	16
17	72.82	73.03	73.57	73.67	73.90	74.00	73.92	73.72	73.31	73.25	73.19	73.12	17
18	72.91	73.07	73.61	73.69	73.93	73.98	73.90	73.71	73.37	73.32	73.25	73.06	18
19	72.95	73.11	73.56	73.69	73.95	73.97	73.88	73.71	73.45	73.47	73.28	73.06	19
20	72.93	73.21	73.51	73.67	73.94	73.92	73.88	73.68	73.46	73.42	73.19	73.09	20
21	72.91	73.36	73.51	73.66	73.95	73.90	73.89	73.68	73.43	73.36	73.26	73.10	21
22	72.94	73.45	73.51	73.66	73.92	73.96	73.86	73.66	73.34	73.20	73.36	73.09	22
23	72.97	73.48	73.50	73.60	73.87	74.02	73.86	73.66	73.28	73.20	73.34	72.97	23
24	72.96	73.57	---	73.67	73.88	74.01	73.85	73.66	73.31	73.28	73.27	73.07	24
25	72.94	73.67	---	73.75	73.88	74.01	73.85	73.56	73.36	73.27	73.24	73.11	25
26	72.96	73.81	---	73.82	73.90	74.07	73.85	73.57	73.37	73.25	73.19	72.98	26
27	72.98	73.90	---	73.81	73.88	74.01	73.82	73.59	73.43	73.21	73.31	72.78	27
28	72.96	73.86	---	73.79	73.86	73.98	73.76	73.55	73.51	73.20	73.46	72.85	28
29	72.94		---	73.77	73.88	73.97	73.71	73.53	73.46	73.20	73.35	72.84	29
30	72.98		---	73.80	73.92	73.96	73.81	73.56	73.40	73.21	73.28	72.86	30
31	73.02		---		73.93		73.84	73.56		73.23		72.83	31
MEAN	73.05	73.20	---	---	73.86	73.96	---	---	73.48	73.30	73.29	73.09	MEAN
MAX	73.59	73.90	---	---	73.99	74.07	---	---	73.68	73.53	73.46	73.29	MAX
MIN	72.77	72.90	---	---	73.74	73.90	---	---	73.28	73.20	73.13	72.78	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1981

MAXIMUM DAILY, 74.07 ON JUN 26
MINIMUM DAILY, 72.77 ON JAN 16
MAXIMUM INSTANTANEOUS,
74.20 AT 06:56 EST ON JUN 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 50 12 N
LONG 75 18 37 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 14602 IROQUOIS LOCK (BELOW), ONT

ST. LAWRENCE RIVER AT SUMMERSTOWN - STATION NO. 02MC023

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	46.69	46.73	46.60	46.56	46.56	46.51	46.60	46.62	46.72	46.70	46.65	46.66	1
2	---	46.72	46.59	46.53	46.50	46.53	46.61	46.63	46.73	46.71	46.63	46.65	2
3	---	46.70	46.65	46.51	46.45	46.54	46.61	46.65	46.73	46.68	46.64	46.60	3
4	---	46.70	46.63	46.50	46.48	46.55	46.61	46.64	46.72	46.67	46.60	46.59	4
5	---	46.70	46.62	46.48	46.46	46.50	46.62	46.69	46.72	46.69	46.65	46.60	5
6	---	46.70	46.60	46.51	46.46	46.52	46.57	46.65	46.70	46.68	46.64	46.59	6
7	---	46.74	46.60	46.51	46.49	46.53	46.59	46.64	46.73	46.63	46.60	46.53	7
8	---	46.74	46.60	46.52	46.51	46.54	46.59	46.67	46.70	46.65	46.64	46.60	8
9	---	46.72	46.57	46.51	46.47	46.56	46.62	46.66	46.67	46.69	46.64	46.63	9
10	---	46.72	46.55	46.50	46.48	46.54	46.62	46.64	46.69	46.70	46.65	46.60	10
11	---	46.75	46.54	46.50	46.52	46.54	46.62	46.68	46.71	46.67	46.61	46.56	11
12	---	46.76	46.55	46.51	46.53	46.53	46.58	46.66	46.74	46.68	46.65	46.59	12
13	46.75	46.75	46.52	46.53	46.55	46.54	46.56	46.65	46.73	46.70	46.64	46.62	13
14	46.75	46.75	46.49	46.48	46.58	46.56	46.58	46.67	46.73	46.67	46.65	46.60	14
15	46.75	46.73	46.53	46.48	46.62	46.52	46.56	46.72	46.73	46.67	46.64	46.59	15
16	46.77	46.73	46.54	46.49	46.58	46.48	46.61	46.69	46.75	46.67	46.67	46.56	16
17	46.77	46.75	46.53	46.56	46.57	46.50	46.59	46.69	46.74	46.67	46.68	46.54	17
18	---	46.78	46.46	46.52	46.56	46.55	46.62	46.70	46.71	46.65	46.68	46.57	18
19	---	46.79	46.54	46.51	46.55	46.58	46.64	46.69	46.69	46.59	46.66	46.55	19
20	---	46.82	46.53	46.52	46.56	46.59	46.66	46.69	46.70	46.60	46.71	46.54	20
21	46.71	46.84	46.52	46.49	46.57	46.57	46.63	46.69	46.71	46.64	46.66	46.55	21
22	46.74	46.77	46.49	46.48	46.52	46.55	46.63	46.66	46.72	46.69	46.58	46.58	22
23	46.71	46.76	46.47	46.53	46.47	46.57	46.65	46.66	46.76	46.69	46.62	46.63	23
24	46.72	46.80	46.55	46.53	46.47	46.57	46.65	46.68	46.78	46.65	46.65	46.56	24
25	46.70	46.74	46.61	46.53	46.51	46.55	46.66	46.69	46.74	46.65	46.63	46.49	25
26	46.70	46.59	46.57	46.50	46.49	46.58	46.63	46.66	46.74	46.67	46.66	46.53	26
27	46.69	46.58	46.52	46.52	46.47	46.58	46.62	46.66	46.72	46.72	46.65	46.57	27
28	46.69	46.66	46.50	46.55	46.51	46.60	46.67	46.68	46.66	46.77	46.56	46.53	28
29	46.73		46.50	46.57	46.54	46.64	46.69	46.68	46.71	46.77	46.58	46.47	29
30	46.70		46.55	46.55	46.50	46.59	46.67	46.69	46.70	46.72	46.62	46.44	30
31	46.71		46.55		46.52		46.64	46.71		46.70		46.49	31
MEAN	---	46.73	46.55	46.52	46.52	46.55	46.62	46.67	46.72	46.68	46.64	46.57	MEAN
MAX	---	46.84	46.65	46.57	46.62	46.64	46.69	46.72	46.78	46.77	46.71	46.66	MAX
MIN	---	46.58	46.46	46.48	46.45	46.48	46.56	46.62	46.66	46.59	46.56	46.44	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MINIMUM DAILY, 46.44 ON DEC 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 03 35 N
LONG 74 33 13 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DPO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 14940 SUMMERSTOWN, ONT

ST. LAWRENCE RIVER BELOW CORNWALL CANAL - STATION NO. 02MC022

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	47.01	47.14	46.79	46.80	46.76	46.72	46.84	---	46.99	47.01	46.94	46.95	1
2	47.00	47.13	46.80	46.76	46.70	46.73	46.84	---	47.00	47.01	46.91	46.93	2
3	47.08	47.10	46.87	46.75	46.66	46.75	46.85	---	47.00	46.98	46.92	46.88	3
4	47.18	47.10	46.85	46.74	46.69	46.77	46.85	---	46.99	46.96	46.88	46.87	4
5	47.31	47.09	46.85	46.71	46.67	46.71	46.85	46.94	47.00	46.98	46.94	46.88	5
6	47.24	47.08	46.82	46.75	46.67	46.72	46.80	46.92	46.99	46.97	46.92	46.87	6
7	47.23	47.12	46.84	46.75	46.69	46.73	46.83	46.91	47.01	46.92	46.88	46.81	7
8	47.28	47.13	46.84	46.76	46.71	46.75	46.82	46.94	46.98	46.95	46.92	46.88	8
9	47.34	47.11	46.81	46.75	46.67	46.77	46.85	46.91	46.95	46.98	46.93	46.91	9
10	47.17	47.11	46.80	46.74	46.68	46.75	46.86	46.89	46.96	46.99	46.94	46.87	10
11	47.28	47.15	46.78	46.72	46.72	46.74	46.86	46.92	46.99	46.97	46.90	46.84	11
12	47.47	47.14	46.78	46.76	46.72	46.73	46.83	46.91	47.03	46.98	46.93	46.87	12
13	47.49	47.12	46.75	46.77	46.73	46.75	46.80	46.90	47.03	46.99	46.92	46.89	13
14	47.47	47.11	46.72	46.69	46.77	46.77	46.82	46.91	47.03	46.97	46.94	46.88	14
15	47.46	47.11	46.76	46.69	46.82	46.74	46.80	46.98	47.03	46.97	46.93	46.87	15
16	47.45	47.12	46.79	46.71	46.77	46.69	46.85	46.97	47.05	46.97	46.97	46.83	16
17	47.41	47.12	46.77	46.78	46.76	46.71	46.83	46.96	47.05	46.96	46.98	46.81	17
18	47.40	47.14	46.68	46.73	46.75	46.76	46.86	46.97	47.01	46.94	46.97	46.85	18
19	47.34	47.15	46.78	46.72	46.74	46.80	46.88	46.96	46.99	46.87	46.94	46.82	19
20	47.26	47.17	46.78	46.73	46.75	46.82	46.91	46.96	46.99	46.89	47.01	46.81	20
21	47.29	47.19	46.76	46.70	46.76	46.79	46.87	46.96	47.00	46.93	46.95	46.84	21
22	47.29	47.11	46.74	46.69	46.72	46.77	46.87	46.93	47.03	46.98	46.86	46.87	22
23	47.25	47.07	46.71	46.75	46.68	46.78	46.89	46.93	47.07	46.97	46.90	46.93	23
24	47.24	47.07	46.78	46.74	46.68	46.79	46.90	46.95	47.08	46.93	46.94	46.84	24
25	47.21	46.97	46.85	46.73	46.71	46.77	46.90	46.97	47.04	46.94	46.92	46.79	25
26	47.20	46.77	46.80	46.70	46.69	46.80	46.88	46.93	47.05	46.97	46.96	46.84	26
27	47.18	46.74	46.76	46.72	46.68	46.81	46.86	46.94	47.02	47.02	46.93	46.92	27
28	47.16	46.85	46.73	46.76	46.72	46.83	46.93	46.96	46.95	47.07	46.84	46.84	28
29	47.18		46.71	46.77	46.75	46.86	---	46.96	47.00	47.09	46.86	46.79	29
30	47.14		46.78	46.75	46.71	46.83	---	46.97	46.99	47.03	46.90	46.75	30
31	47.13		46.77		46.72		---	46.99		47.01		46.81	31
MEAN	47.26	47.08	46.78	46.74	46.72	46.76	---	---	47.01	46.97	46.92	46.86	MEAN
MAX	47.49	47.19	46.87	46.80	46.82	46.86	---	---	47.08	47.09	47.01	46.95	MAX
MIN	47.00	46.74	46.68	46.69	46.66	46.69	---	---	46.95	46.87	46.84	46.75	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 47.49 ON JAN 13
MINIMUM DAILY, 46.66 ON MAY 3
MAXIMUM INSTANTANEOUS,
47.63 AT 18:00 EST ON JAN 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 00 55 N
LONG 74 42 38 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DPO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 14870 CORNWALL, ONT

ST. MARYS RIVER AT SAULT STE. MARIE (ABOVE) - STATION NO. 02BF011

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	182.85	182.78	182.85	---	---	---	183.01	182.94	182.98	182.89	182.97	182.85	1
2	182.83	182.81	182.88	---	---	---	182.98	182.97	182.97	183.00	182.99	182.95	2
3	182.86	182.78	182.79	---	---	---	182.99	182.98	182.94	182.94	182.95	182.90	3
4	182.90	182.80	182.82	---	---	---	183.02	183.01	182.98	182.89	182.93	182.93	4
5	182.78	182.75	---	---	---	---	183.02	182.98	182.96	182.93	183.02	182.92	5
6	182.86	182.78	---	---	---	---	183.00	182.95	182.93	183.13	183.07	182.82	6
7	182.86	182.73	---	---	---	---	183.00	182.98	182.94	183.10	182.95	182.93	7
8	182.79	182.81	---	---	---	---	182.96	183.00	183.05	182.99	183.08	182.94	8
9	182.88	182.75	---	---	---	---	182.98	182.99	182.95	182.93	182.98	182.97	9
10	182.82	182.78	---	---	---	---	182.95	182.99	183.02	183.01	182.92	182.99	182.97	10
11	182.83	182.85	---	---	---	---	182.93	182.98	183.01	182.95	182.95	182.99	182.92	11
12	182.76	182.73	---	---	---	---	182.94	182.99	183.01	182.99	182.90	182.90	182.84	12
13	182.78	182.71	---	---	---	---	182.88	183.02	182.97	183.00	182.85	182.89	182.90	13
14	182.78	182.69	---	---	---	---	182.89	183.02	182.96	183.03	182.90	182.87	182.91	14
15	182.78	182.66	---	---	---	---	182.95	183.00	183.05	183.02	183.03	182.87	182.92	15
16	182.81	182.69	---	---	---	---	182.98	183.00	183.04	182.98	182.93	182.90	182.90	16
17	---	182.70	---	---	---	---	182.93	182.96	183.00	182.97	182.86	182.99	182.89	17
18	---	182.71	---	---	---	---	182.96	182.98	182.98	182.95	183.24	183.02	182.92	18
19	182.78	182.75	---	---	---	---	182.99	182.98	182.98	183.02	183.01	182.94	182.89	19
20	182.76	182.78	---	---	---	---	182.96	183.01	182.97	183.00	183.05	182.98	182.82	20
21	182.78	182.74	---	---	---	---	182.99	183.03	182.95	182.95	182.99	182.97	182.82	21
22	182.82	182.72	---	---	---	---	183.03	182.99	182.94	182.94	182.97	182.94	182.85	22
23	182.79	182.77	---	---	---	---	183.00	182.95	182.96	182.91	183.06	182.92	182.88	23
24	182.74	182.83	---	---	---	---	182.97	182.92	182.96	182.90	182.92	182.89	182.94	24
25	182.68	182.82	---	---	---	---	183.07	182.99	182.94	182.87	182.98	182.86	182.89	25
26	182.82	182.79	---	---	---	---	183.03	183.02	182.94	182.85	182.93	182.80	182.78	26
27	182.78	182.73	---	---	---	---	182.96	182.99	182.96	183.11	182.99	183.12	182.80	27
28	182.78	182.85	---	---	---	---	182.94	182.98	182.90	183.09	182.95	183.04	182.93	28
29	182.80		---	---	---	---	183.02	182.97	182.91	182.94	182.87	182.93	182.85	29
30	182.77		---	---	---	---	183.06	182.94	182.94	182.85	182.82	182.90	182.84	30
31	182.71		---		---			182.92	182.90		182.91		182.81	31
MEAN	---	182.76	---	---	---	---	---	182.99	182.97	182.97	182.96	182.96	182.89	MEAN
MAX	---	182.85	---	---	---	---	---	183.03	183.05	183.11	183.24	183.12	182.97	MAX
MIN	---	182.66	---	---	---	---	---	182.92	182.90	182.85	182.82	182.80	182.78	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 183.24 ON OCT 18

MAXIMUM INSTANTANEOUS,
183.71 AT 14:40 EST ON OCT 18

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 10980 SAULT STE. MARIE (ABOVE), ONT

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 30 49 N
LONG 84 22 20 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

ST. MARYS RIVER AT SAULT STE. MARIE (BELOW) - STATION NO. 02CA005

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	176.86	176.74	176.66	176.71	176.94	177.02	177.11	177.01	176.68	176.55	176.59	1
2	176.91	176.83	176.72	176.66	176.77	176.93	177.02	177.10	176.97	176.45	176.51	176.51	2
3	176.89	176.85	176.74	176.65	176.84	176.96	177.04	177.10	176.98	176.62	176.54	176.52	3
4	---	176.84	176.74	176.70	176.82	176.95	177.03	177.11	176.98	176.66	176.55	176.45	4
5	177.01	176.85	176.73	176.59	176.76	176.97	177.01	177.10	176.97	176.61	176.52	176.47	5
6	177.06	176.85	176.72	176.63	176.69	176.90	177.02	177.12	176.98	176.54	176.36	176.58	6
7	176.97	176.84	176.72	176.66	176.77	176.96	177.03	177.09	177.01	176.44	176.57	176.53	7
8	177.01	176.84	176.73	176.62	176.83	176.97	177.04	177.08	176.89	176.58	176.51	176.37	8
9	177.01	176.84	176.73	176.65	176.81	176.95	177.02	177.10	176.90	176.58	176.49	176.36	9
10	176.98	176.83	176.72	176.75	176.77	176.95	177.09	177.06	176.85	176.58	176.59	176.33	10
11	176.96	176.79	176.71	176.71	176.77	176.96	177.12	177.02	176.87	176.59	176.46	176.42	11
12	176.96	176.82	176.74	176.72	176.82	176.97	177.12	177.06	176.83	176.61	176.51	176.45	12
13	176.96	176.84	176.68	176.73	176.80	176.97	177.10	177.04	176.85	176.65	176.53	176.47	13
14	176.95	176.83	176.69	176.55	176.84	176.97	177.10	177.03	176.78	176.65	176.57	176.50	14
15	176.95	176.84	176.70	176.76	176.81	177.00	177.10	177.02	176.77	176.58	176.55	176.43	15
16	176.92	176.85	176.68	176.78	176.83	177.02	177.10	176.96	176.78	176.61	176.51	176.42	16
17	176.92	176.85	176.70	176.76	176.80	177.00	177.13	176.98	176.74	176.72	176.45	176.42	17
18	176.94	176.84	176.75	176.62	176.78	177.05	177.13	176.99	176.80	176.61	176.44	176.38	18
19	176.92	176.82	176.73	176.74	176.82	176.99	177.13	176.99	176.79	176.62	176.48	176.38	19
20	176.89	176.77	176.71	176.63	176.84	176.99	---	176.98	176.75	176.66	176.27	176.48	20
21	176.88	176.75	176.65	176.76	176.85	176.99	---	176.99	176.78	176.61	176.35	176.61	21
22	176.90	176.74	176.63	176.79	176.85	176.98	---	177.00	176.73	176.63	176.50	176.50	22
23	176.90	176.72	176.68	176.80	176.84	177.00	177.12	176.99	176.75	176.58	176.49	176.44	23
24	176.88	176.73	176.68	176.64	176.85	177.03	177.13	176.98	176.78	176.67	176.44	176.51	24
25	176.87	176.72	176.67	176.68	176.90	176.96	177.09	176.97	176.79	176.70	176.51	176.51	25
26	176.88	176.72	176.68	176.74	176.95	176.97	177.03	176.99	176.82	176.55	176.69	176.47	26
27	176.87	176.72	176.65	176.73	176.93	177.00	177.06	176.97	176.76	176.52	176.43	176.45	27
28	176.86	176.72	176.64	176.73	176.93	177.03	177.08	177.00	176.61	176.57	176.50	176.46	28
29	176.84		176.63	176.72	176.96	177.06	177.06	177.01	176.75	176.58	176.55	176.46	29
30	176.83		176.65	176.76	176.87	177.01	177.11	177.02	176.72	176.62	176.52	176.45	30
31	176.84		176.68		176.92		177.11	177.01		176.58		176.51	31
MEAN	---	176.80	176.70	176.70	176.83	176.98	---	177.03	176.83	176.60	176.50	176.47	MEAN
MAX	---	176.86	176.75	176.80	176.96	177.06	---	177.12	177.01	176.72	176.69	176.61	MAX
MIN	---	176.72	176.63	176.55	176.69	176.90	---	176.96	176.61	176.44	176.27	176.33	MIN

WATER LEVELS IN METRES

MINIMUM DAILY, 176.27 ON NOV 20

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PRIOR TO 1981 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 11010 SAULT STE. MARIE (BELOW), ONT

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 30 47 N
LONG 84 20 41 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

ST. MARYS RIVER NEAR GARDEN RIVER - STATION NO. 02CA003

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.350	24.338	24.307	24.265	24.276	24.391	24.482	24.552	24.503	24.306	24.236	24.274	1
2	24.359	24.306	24.306	24.245	24.297	24.392	24.496	24.545	24.455	24.109	24.214	24.189	2
3	24.369	24.309	24.298	24.257	24.349	24.393	24.507	24.533	24.460	24.241	24.223	24.192	3
4	24.376	24.307	24.300	24.308	24.351	24.403	24.507	24.555	24.444	24.288	24.239	24.128	4
5	24.386	24.321	24.269	24.243	24.311	24.410	24.483	24.529	24.437	24.278	24.227	24.155	5
6	24.411	24.335	24.268	24.247	24.258	24.383	24.487	24.585	24.461	24.240	24.066	24.253	6
7	24.359	24.320	24.265	24.283	24.304	24.395	24.500	24.540	24.501	24.124	24.208	24.204	7
8	24.379	24.320	24.281	24.236	24.343	24.416	24.512	24.519	24.418	24.253	24.198	24.043	8
9	24.395	24.308	24.284	24.225	24.333	24.407	24.485	24.540	24.445	24.259	24.174	24.037	9
10	24.369	24.315	24.282	24.302	24.274	24.409	24.506	24.542	24.443	24.256	24.296	24.024	10
11	24.362	24.276	24.270	24.261	24.264	24.408	24.531	24.511	24.451	24.256	24.163	24.097	11
12	24.362	24.293	24.295	24.268	24.316	24.417	24.532	24.542	24.405	24.280	24.208	24.128	12
13	24.368	24.327	24.260	24.267	24.322	24.415	24.509	24.535	24.431	24.299	24.224	24.158	13
14	24.346	24.313	24.258	24.159	24.350	24.425	24.501	24.529	24.379	24.321	24.226	24.177	14
15	24.360	24.318	24.280	24.272	24.347	24.462	24.517	24.513	24.360	24.278	24.207	24.113	15
16	24.337	24.341	24.239	24.333	24.349	24.495	24.524	24.439	24.347	24.273	24.189	24.101	16
17	24.339	24.341	24.284	24.329	24.338	24.482	24.533	24.439	24.329	24.357	24.150	24.101	17
18	24.370	24.345	24.274	24.208	24.321	24.524	24.540	24.462	24.372	24.332	24.133	24.064	18
19	24.366	24.334	24.257	24.287	24.340	24.484	24.540	24.464	24.381	24.276	24.181	24.061	19
20	24.346	24.294	24.248	24.193	24.353	24.457	24.525	24.461	24.335	24.353	23.981	24.149	20
21	24.330	24.287	24.234	24.286	24.357	24.454	24.482	24.463	24.349	24.274	24.002	24.280	21
22	24.348	24.287	24.212	24.327	24.359	24.449	24.493	24.475	24.314	24.279	24.142	24.174	22
23	24.347	24.270	24.226	24.328	24.358	24.467	24.519	24.473	24.330	24.238	24.152	24.119	23
24	24.344	24.294	24.231	24.212	24.360	24.494	24.545	24.460	24.362	24.326	24.155	24.198	24
25	24.344	24.295	24.219	24.261	24.367	24.452	24.534	24.455	24.373	24.405	24.213	24.189	25
26	24.354	24.292	24.226	24.297	24.385	24.455	24.469	24.462	24.409	24.258	24.344	24.140	26
27	24.342	24.288	24.199	24.288	24.378	24.477	24.480	24.445	24.402	24.219	24.158	24.119	27
28	24.334	24.297	24.219	24.283	24.382	24.512	24.504	24.470	24.261	24.245	24.165	24.128	28
29	24.312		24.220	24.274	24.395	24.539	24.492	24.492	24.358	24.260	24.216	24.122	29
30	24.302		24.231	24.309	24.361	24.493	24.539	24.496	24.322	24.288	24.201	24.122	30
31	24.316		24.243		24.372		24.548	24.498		24.263		24.168	31
MEAN	24.351	24.310	24.256	24.268	24.338	24.445	24.510	24.499	24.385	24.272	24.182	24.182	MEAN
MAX	24.411	24.345	24.307	24.333	24.395	24.539	24.548	24.555	24.503	24.405	24.344	24.280	MAX
MIN	24.276	24.270	24.199	24.159	24.258	24.383	24.469	24.439	24.261	24.109	23.981	24.024	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 24.331
MAXIMUM DAILY, 24.555 ON AUG 4
MINIMUM DAILY, 23.981 ON NOV 20
MAXIMUM INSTANTANEOUS,
24.582 AT 17:00 EST ON JUN 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 31 57 N
LONG 84 07 56 W

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUN
APPLY 152.400 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUN

STEEL RIVER NEAR TERRACE BAY - STATION NO. 02BA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.50B	3.43B	4.05	4.35	21.2	19.2	25.3	6.17	2.55	1.67	3.00	3.43	1
2	5.40B	3.39B	4.05	4.43	22.3	19.9	24.0	6.05	2.43	1.64	3.05	3.46	2
3	5.30B	3.36B	4.00B	4.94	24.0	20.9	23.1	5.99	2.29	1.63	3.01	3.36	3
4	5.20B	3.33B	3.98B	5.95	26.3	20.5	22.2	5.92	2.27	1.66	2.95	3.24	4
5	5.10B	3.30B	3.93	6.85	27.2	20.5	20.9	5.62	2.20	1.71	2.96	3.13	5
6	5.00B	3.26B	4.00B	6.40	27.3	20.5	19.8	5.44	2.08	1.76	3.02	3.13	6
7	4.94B	3.23B	4.11	6.56	27.3	20.6	18.6	5.30	2.28	1.73	2.99	3.17	7
8	4.85B	3.20B	4.10	7.08	27.0	23.3	17.7	4.97	2.41	1.70	2.89	3.20	8
9	4.75B	3.17B	4.05	7.48	26.5	22.7	16.9	4.89	2.24	1.69	2.80	3.14	9
10	4.68B	3.14B	4.06	8.40	26.0	22.3	15.9	4.82	2.30	1.75	2.99	3.03	10
11	4.60B	3.11B	3.99	9.46	26.0	21.7	15.3	4.77	2.23	1.77	2.97	3.03B	11
12	4.53B	3.09B	3.94	10.2	25.6	21.3	14.4	4.36	2.07	1.67	2.91	3.03	12
13	4.46B	3.06B	3.93	10.8	25.0	20.8	13.9	4.12	2.03	1.70	2.94	3.00	13
14	4.38B	3.04B	4.02	11.3	24.4	21.0	13.1	4.05	2.12	2.79	3.02	3.00B	14
15	4.32B	3.02B	3.86	11.9	24.0	22.4	12.3	4.05	1.97	2.93	3.12	2.99B	15
16	4.25B	3.00B	3.80B	12.5	23.4	25.0	11.8	3.81	1.98	2.51	3.29	2.98B	16
17	4.18B	3.02B	3.70B	14.1	22.7	26.6	11.1	3.78	2.00	2.41	3.33	2.98B	17
18	4.10B	3.05B	3.62	14.8	22.1	27.5	10.5	3.77	2.06	3.70	3.29	2.97B	18
19	4.05B	3.14B	3.51	15.7	21.5	27.1	10.2	3.63	1.99	3.22	3.30	2.96B	19
20	4.00B	3.22B	3.41	16.4	21.1	26.5	9.96	3.51	1.91	3.16	3.22	2.95B	20
21	3.95B	3.33B	3.36	16.6	20.7	26.1	9.35	3.34	1.85	2.99	3.12	2.94B	21
22	3.88B	3.50B	3.16	16.8	19.8	25.1	9.15	3.31	1.77	3.02	3.07	2.93B	22
23	3.83B	3.71	3.32	17.1	19.3	23.8	8.40	3.07	1.72	2.97	3.08	2.92B	23
24	3.78B	3.92	3.33	16.7	18.7	23.4	8.74	2.95	1.85	2.82	3.10	2.91B	24
25	3.73B	3.97	3.41	16.5	18.5	23.6	9.10	2.96	1.89	2.77	3.15	2.90B	25
26	3.68B	3.93	3.45	16.7	18.8	22.2	8.25	2.86	1.89	2.84	3.24	2.90B	26
27	3.63B	4.05	3.32	17.1	18.7	20.7	7.90	2.65	1.85	2.95	3.36	2.89B	27
28	3.59B	4.04	3.56	18.0	18.9	24.8	7.54	2.30	1.86	2.89	3.41	2.88B	28
29	3.54B		3.59	19.2	19.3	28.2	6.97	2.20	1.83	2.82	3.34	2.87B	29
30	3.50B		3.90	20.9	19.6	26.6	6.62	2.22	1.76	2.91	3.37	2.86B	30
31	3.47B		4.06		19.3		6.46	2.15		3.00		2.86B	31
TOTAL	134.17	94.81	116.57	365.20	702.5	694.8	415.44	125.03	61.68	74.78	93.29	94.04	TOTAL
MEAN	4.33	3.36	3.76	12.2	22.7	23.2	13.4	4.03	2.06	2.41	3.11	3.03	MEAN
MAX	5.50	4.05	4.11	20.9	27.3	28.2	25.3	6.17	2.55	3.70	3.41	3.46	MAX
MIN	3.47	3.00	3.16	4.35	18.5	19.2	6.46	2.15	1.72	1.63	2.80	2.86	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.14
MAXIMUM DAILY, 28.2 ON JUN 29
MINIMUM DAILY, 1.63 ON OCT 3
MAXIMUM INSTANTANEOUS,
30.6 AT 23:52 EST ON JUN 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 46 40 N
LONG 86 53 04 W
DRAINAGE AREA, 1 190 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	11 600	JUL	35 900
FEB	8 120	AUG	10 800
MAR	10 100	SEP	5 330
APR	31 600	OCT	6 460
MAY	60 700	NOV	8 060
JUN	60 000	DEC	8 130

TOTAL DISCHARGE, 257 000 dam³

STOKES RIVER NEAR FERNDALE - STATION NO. 02FA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.680B	0.460B	4.59 B	3.41	0.740	0.316	0.262	0.087	0.289	0.386	0.269	1.69	1
2	0.660B	0.505B	3.95 B	3.01	0.693	0.286	0.283	0.079	0.460	0.377	0.263	2.13	2
3	0.640B	0.460B	3.87 B	2.41	0.660	0.250	0.258	0.305	0.357	0.318	0.253	1.93	3
4	0.630B	0.425B	3.01 B	2.49	0.623	0.269	0.244	0.275	0.613	0.271	0.250	1.57	4
5	0.615B	0.410B	2.48 B	2.31	0.598	0.271	0.237	0.235	1.62	0.245	0.251	1.35	5
6	0.604B	0.395B	2.26 B	1.77	0.616	0.275	0.241	0.178	1.19	0.425	0.283	1.23	6
7	0.580B	0.390B	1.91 B	1.41	0.559	0.262	0.234	0.152	0.951	0.474	0.303	1.17	7
8	0.570B	0.370B	1.89 B	1.50	0.541	0.248	0.224	1.06	1.33	0.407	0.287	1.16	8
9	0.560B	0.358B	1.91 B	7.73	0.532	0.261	0.219	0.470	0.881	0.353	0.278	1.00 B	9
10	0.550B	0.620B	1.77 B	5.08	0.611	0.253	0.221	0.345	0.722	0.317	0.273	0.900B	10
11	0.540B	0.900B	1.55 B	3.90	2.54	0.258	0.236	0.269	0.578	0.287	0.293	0.840B	11
12	0.525B	1.50 B	1.44 B	2.79	3.82	0.250	0.243	0.219	0.503	0.270	0.281	0.800B	12
13	0.510B	5.00 B	1.35 B	2.05	2.96	0.251	0.245	0.193	0.427	0.258	0.283	0.760B	13
14	0.505B	4.80 B	1.30 B	1.85	2.03	0.238	0.238	0.177	0.366	0.251	0.282	0.700B	14
15	0.495B	4.40 B	1.25 B	1.53	1.59	0.260	0.228	0.254	0.330	0.291	0.277	0.670B	15
16	0.490B	4.40 B	1.20 B	1.23	1.41	0.636	0.221	0.251	0.296	0.311	0.292	0.620B	16
17	0.480B	8.00 B	1.15 B	1.16	1.16	0.486	0.210	0.206	0.268	0.296	0.460	0.580B	17
18	0.470B	12.0 B	1.07 B	1.14	0.970	0.414	0.210	0.179	0.251	0.464	0.407	0.540B	18
19	0.460B	15.0 B	0.996B	1.00	0.792	0.358	0.203	0.159	0.243	0.554	0.394	0.520B	19
20	0.450B	14.9 B	0.940B	0.908	0.689	0.320	0.199	0.143	0.231	0.456	0.470	0.510B	20
21	0.440B	14.8 B	1.07 B	0.821	0.597	0.295	0.194	0.130	0.219	0.404	0.683	0.491B	21
22	0.435B	12.8 B	1.45	0.775	0.533	0.360	0.190	0.121	0.210	0.329	0.653	0.520B	22
23	0.425B	10.0 B	1.68	0.829	0.487	0.371	0.181	0.118	0.205	0.391	0.613	0.510B	23
24	0.420B	8.80 B	1.83	0.852	0.447	0.356	0.160	0.134	0.193	0.380	0.574	0.490B	24
25	0.410B	7.60 B	1.99	0.796	0.501	0.346	0.137	0.129	0.200	0.361	0.531	0.480B	25
26	0.430B	5.80 B	2.02	0.745	0.492	0.330	0.125	0.127	0.212	0.345	0.785	0.470B	26
27	0.460B	5.20 B	2.25	0.666	0.459	0.312	0.111	0.115	0.238	0.337	5.36	0.460B	27
28	0.480B	5.60 B	2.31	0.661	0.438	0.266	0.124	0.113	0.328	0.324	2.44	0.455B	28
29	0.460B		2.84	1.01	0.388	0.242	0.128	0.267	0.501	0.303	2.08	0.445B	29
30	0.450B		3.61	0.811	0.362	0.257	0.111	0.369	0.460	0.294	1.74	0.440B	30
31	0.435B		3.78		0.338		0.097	0.284		0.275		0.438B	31
TOTAL	15.859	145.893	64.716	56.644	29.176	9.297	6.214	7.143	14.672	10.754	21.548	25.869	TOTAL
MEAN	0.512	5.21	2.09	1.89	0.941	0.310	0.200	0.230	0.489	0.347	0.718	0.834	MEAN
MAX	0.680	15.0	4.59	7.73	3.82	0.636	0.283	1.06	1.62	0.554	5.36	2.13	MAX
MIN	0.410	0.358	0.940	0.661	0.338	0.238	0.097	0.079	0.193	0.245	0.250	0.438	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.12
MAXIMUM DAILY, 15.0B ON FEB 19
MINIMUM DAILY, 0.079 ON AUG 2

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 02 10 N
LONG 81 20 10 W
DRAINAGE AREA, 50.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 370	JUL	537
FEB	12 600	AUG	617
MAR	5 590	SEP	1 270
APR	4 890	OCT	929
MAY	2 520	NOV	1 860
JUN	803	DEC	2 240

TOTAL DISCHARGE, 35 200 dam³

STOUFFVILLE CREEK BELOW STOUFFVILLE - STATION NO. 02HC035

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.093	0.090	0.293	0.163	0.089	0.088	0.088	0.060	0.074	0.085	0.157	0.245	1
2	0.092	0.090B	0.280	0.146	0.086	0.087	0.078	0.062	0.183	0.087	0.154	0.240	2
3	0.090	0.090B	0.244	0.145	0.086	0.108	0.074	0.071	0.112	0.080	0.136	0.204	3
4	0.090B	0.086B	0.217	0.158	0.085	0.111	0.102	0.804	0.816	0.075	0.133	0.157	4
5	0.089B	0.088B	0.154	0.164	0.090	0.091	0.114	0.592	0.802	0.075	0.132	0.125	5
6	0.088B	0.087	0.137	0.169	0.109	0.086	0.089	0.120	0.242	0.470	0.177	0.109	6
7	0.088B	0.086	0.130	0.132	0.086	0.074	0.073	0.085	0.156	0.327	0.160E	0.114	7
8	0.087	0.087	0.127	0.070	0.084	0.078	0.075	0.078	0.123	0.191	0.152E	0.114	8
9	0.086	0.088	0.136	0.070	0.083	0.081	0.069	0.077	0.099	0.139	0.140E	0.108	9
10	0.086	0.098B	0.135	0.065	0.123	0.106	0.069	0.079	0.088	0.124	0.150E	0.106	10
11	0.084	0.603	0.132	0.075	0.333	0.086	0.065	0.166	0.082	0.110	0.130E	0.105	11
12	0.086	0.485	0.134	0.087	0.483	0.084	0.065	0.104	0.079	0.109	0.115E	0.102	12
13	0.085	0.358	0.130	0.099	0.250	0.081	0.065	0.070	0.073	0.105	0.116	0.104	13
14	0.085	0.150B	0.122B	0.316	0.184	0.081	0.063	0.076	0.072	0.106	0.120	0.102B	14
15	0.089B	0.137B	0.115B	0.154	0.169	0.079	0.062	0.483	0.067	0.126	0.119	0.103B	15
16	0.088	0.130B	0.110B	0.123	0.159	0.131	0.059	0.197	0.059	0.111	0.279	0.104B	16
17	0.087	0.350B	0.105B	0.187	0.135	0.096	0.059	0.099	0.079	0.102	0.283	0.104B	17
18	0.087	1.30	0.102B	0.151	0.111	0.078	0.067	0.078	0.077	0.559	0.235	0.103B	18
19	0.091	2.12	0.100B	0.111	0.102	0.075	0.108	0.071	0.066	0.225	0.276	0.100B	19
20	0.088	2.30	0.099	0.118	0.093	0.072	0.092	0.064	0.073	0.150	0.510	0.096B	20
21	0.089	1.84	0.097	0.093	0.092	0.088	0.079	0.062	0.093	0.157	0.477	0.093	21
22	0.089	0.993	0.093	0.094	0.088	0.282	0.070	0.060	0.100	0.282	0.320	0.097	22
23	0.090	1.17	0.097	0.117	0.083	0.136	0.057	0.059	0.085	0.456	0.288	0.111	23
24	0.091	0.738	0.096	0.140	0.081	0.094	0.058	0.066	0.076	0.309	0.273	0.103	24
25	0.091	0.438	0.097	0.124	0.115	0.085	0.066	0.057	0.073	0.208	0.253	0.094	25
26	0.098B	0.341	0.103	0.104	0.121	0.073	0.058	0.060	0.092	0.258	0.272	0.096	26
27	0.094B	0.309	0.109	0.100	0.141	0.067	0.065	0.061	0.082	0.609	0.401	0.099	27
28	0.092B	0.318	0.104	0.096	0.196	0.062	0.237	0.098	0.076	0.489	0.308	0.099	28
29	0.091		0.108	0.109	0.138	0.071	0.136	0.084	0.069	0.240	0.277	0.101	29
30	0.091B		0.238	0.096	0.119	0.071	0.084	0.099	0.067	0.191	0.250	0.098B	30
31	0.090		0.166		0.095		0.072	0.081		0.171		0.099	31
TOTAL	2.765	14.970	4.310	3.776	4.209	2.802	2.518	4.223	4.235	6.726	6.793	3.635	TOTAL
MEAN	0.089	0.535	0.139	0.126	0.136	0.093	0.081	0.136	0.141	0.217	0.226	0.117	MEAN
MAX	0.098	2.30	0.293	0.316	0.483	0.282	0.237	0.804	0.816	0.609	0.510	0.245	MAX
MIN	0.084	0.086	0.093	0.065	0.081	0.062	0.057	0.057	0.059	0.075	0.115	0.093	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.167
MAXIMUM DAILY, 2.30 ON FEB 20
MINIMUM DAILY, 0.057 ON JUL 23
MAXIMUM INSTANTANEOUS,
2.99 AT 14:48 EST ON FEB 20

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 57 19 N
LONG 79 13 57 W
DRAINAGE AREA, 15.3 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	239	JUL	218
FEB	1 290	AUG	365
MAR	372	SEP	366
APR	326	OCT	581
MAY	364	NOV	587
JUN	242	DEC	314

TOTAL DISCHARGE, 5 260 dam³

STURGEON RIVER AT CRYSTAL FALLS - STATION NO. 02DC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	55.9	75.4	117	181	184	81.5	109	39.8	28.3	41.3	75.5	59.1	1
2	54.4	77.1	120	217	161	77.4	103	40.1	26.6	41.3	72.7	55.4	2
3	52.1	73.1	117	237	118	77.7	98.7	44.9	26.3	41.3	71.1	60.7	3
4	50.5	78.9	120	285	116	72.1	106	46.8	31.3	42.4	69.0	64.2	4
5	52.7	76.3	118	408	118	68.7	167	48.5	36.6	43.6	66.3	65.2	5
6	54.6	74.8	112	414	105	67.5	120	45.9	39.0	43.6	67.7	68.1	6
7	57.1	73.4	104	376	97.6	60.6	104	41.8	39.0	62.8	70.8	66.2	7
8	54.5	74.0	102	375	87.9	63.3	97.6	33.0	35.9	66.6	71.4	78.0	8
9	55.0	72.9	99.2	421	83.8	67.2	93.1	36.2	37.8	72.3	67.2	86.5	9
10	59.7	71.2	97.1	441	83.8	67.2	82.1	35.3	45.9	72.8	63.4	84.1	10
11	67.2	75.1	96.6	437	83.6	67.2	84.3	32.8	56.1	71.4	62.4	82.5	11
12	69.2	76.7	104	421	101	65.2	82.8	33.0	57.2	71.0	61.4	84.3	12
13	70.6	75.1	106	396	106	64.2	80.7	38.9	60.6	71.0	60.4	83.4	13
14	71.0	75.2	98.2	393	112	64.4	79.9	36.6	52.2	68.1	58.4	83.4	14
15	71.7	77.1	96.6	399	114	64.4	70.4	34.2	52.1	68.1	53.1	84.4	15
16	71.0	74.6	91.3	391	109	89.8	67.7	28.7	53.5	68.1	53.2	84.8	16
17	71.5	72.2	94.0	393	106	86.3	66.7	29.9	51.1	67.8	60.8	81.0	17
18	75.0	71.5	95.7	396	103	94.4	66.7	32.7	46.8	72.6	65.7	79.7	18
19	74.6	72.3	101	378	95.4	90.8	68.0	33.6	47.2	89.0	70.9	78.9	19
20	71.6	80.0	97.2	367	97.2	88.0	71.0	34.0	47.2	103	71.8	75.4	20
21	76.8	85.1	95.0	340	99.8	82.7	70.5	33.4	44.3	112	70.5	77.4	21
22	77.8	83.8	91.7	297	98.0	86.6	67.9	21.8	44.3	103	69.2	83.4	22
23	77.1	93.7	87.8	298	90.8	93.0	64.0	17.8	44.2	108	67.4	82.1	23
24	77.7	112	90.3	281	84.7	89.3	66.5	28.1	41.3	111	63.9	75.4	24
25	80.2	125	87.7	258	83.6	103	63.1	31.6	41.3	108	60.4	69.8	25
26	80.9	126	89.7	244	85.5	106	58.8	25.6	41.3	103	62.8	67.4	26
27	79.2	126	96.6	241	86.9	104	59.3	25.3	41.3	98.0	71.2	66.9	27
28	78.0	125	96.6	235	85.2	102	56.4	25.3	41.3	84.6	73.8	71.5	28
29	77.4		97.0	221	81.7	98.7	61.3	24.3	41.3	79.1	71.9	71.9	29
30	76.1		105	198	82.8	106	60.5	23.6	41.3	76.6	64.3	68.9	30
31	74.0		133		85.7		61.8	25.5		76.6		69.2	31
TOTAL	2 115.1	2 373.5	3 157.3	9 939	3 147.0	2 449.2	2 508.8	1 029.0	1 292.6	2 338.0	1 988.6	2 309.2	TOTAL
MEAN	68.2	84.8	102	331	102	81.6	80.9	33.2	43.1	75.4	66.3	74.5	MEAN
MAX	80.9	126	133	441	184	106	167	48.5	60.6	112	75.5	86.5	MAX
MIN	50.5	71.2	87.7	181	81.7	60.6	56.4	17.8	26.3	41.3	53.1	55.4	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 94.9
MAXIMUM DAILY, 441 ON APR 10
MINIMUM DAILY, 17.8 ON AUG 23

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 27 00 N
LONG 79 51 47 W
DRAINAGE AREA, 6 660 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	183 000	JUL	217 000
FEB	205 000	AUG	88 900
MAR	273 000	SEP	112 000
APR	859 000	OCT	202 000
MAY	272 000	NOV	172 000
JUN	212 000	DEC	200 000

TOTAL DISCHARGE, 3 000 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

STURGEON RIVER AT OUTLET OF SALVESEN LAKE - STATION NO. 05QE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.96	3.40	2.90	2.87	4.16	3.90	22.1	11.2	6.43	7.81	8.44	6.66	1
2	3.77	3.26	2.88	2.97	4.22	3.88	22.6	10.9	6.38	7.87	8.48	6.62	2
3	3.59	3.22	2.84	3.08	4.18	3.88	23.1	10.6	6.18	7.94	8.41	6.56	3
4	3.53	3.25	2.82	3.08	4.14	3.90	23.6	10.3	6.08	8.07	8.43	6.48	4
5	3.68	3.31	2.82	3.12	4.03	4.07	24.2	10.1	6.00	8.06	8.28	6.40	5
6	3.74	3.33	2.84	3.14	3.99	4.21	24.5	10.3	7.17	8.02	8.26	6.32	6
7	3.58	3.30	2.83	3.16	3.97	4.30	24.6	10.2	8.14	8.05	8.23	6.25	7
8	3.51	3.23	2.91	3.15	3.90	4.40	24.2	10.0	8.31	8.03	8.03	6.09	8
9	3.55	3.16	2.89	3.15	3.58	4.41	23.7	9.50	8.44	8.00	7.89	5.92	9
10	3.44	3.03	2.84	3.14	3.54	4.40	23.5	9.24	8.41	8.25	7.82	5.77	10
11	3.44	2.91	2.81	3.09	3.54	4.42	23.1	9.02	8.20	8.35	7.77	5.84	11
12	3.58	2.86	2.82	3.11	3.52	4.51	22.6	8.82	8.15	8.48	7.80	5.83	12
13	3.62	2.95	2.72	3.11	3.47	4.52	22.1	8.48	8.03	8.45	7.77	5.80	13
14	3.67	3.04	2.77	2.99	3.41	4.48	21.4	8.31	7.80	8.39	7.78	5.71	14
15	3.63	3.14	2.75	3.09	3.36	8.31	20.6	8.02	7.73	8.50	7.78	5.57	15
16	3.56	3.22	2.69	3.13	3.20	10.5	19.9	7.79	7.65	8.52	7.70	5.42	16
17	3.63	3.21	2.62	3.09	3.13	11.2	19.5	7.77	7.65	8.72	7.75	5.31	17
18	3.61	3.21	2.60	3.04	3.10	11.0	19.0	7.71	7.67	8.51	7.63	5.21	18
19	3.57	3.23	2.61	3.05	3.05	11.2	18.3	7.62	7.65	8.62	7.43	5.17	19
20	3.56	3.20	2.61	3.00	3.05	11.3	17.5	7.57	7.59	8.62	7.26	5.26	20
21	3.51	3.24	2.61	3.08	3.07	11.6	16.8	7.51	7.53	8.41	7.03	5.38	21
22	3.59	3.21	2.62	3.28	2.98	11.6	16.0	7.38	7.45	8.32	6.86	5.29	22
23	3.57	3.17	2.59	3.54	3.33	11.8	15.4	7.35	7.37	8.24	6.75	5.27	23
24	3.60	3.09	2.60	3.76	3.39	13.6	14.7	7.22	7.48	8.26	6.70	5.12	24
25	3.59	3.02	2.63	3.89	3.66	16.6	14.2	7.11	7.49	8.23	6.75	5.05	25
26	3.67	2.99	2.67	4.11	3.80	18.7	13.6	7.08	7.60	8.19	6.74	4.78	26
27	3.43	2.99	2.68	4.22	3.97	19.5	13.3	7.00	7.62	8.25	6.74	4.80	27
28	3.43	2.98	2.76	4.26	4.01	20.3	12.7	6.76	7.68	8.26	6.95	4.77	28
29	3.32		2.77	4.31	3.96	21.0	12.3	6.67	7.72	8.28	6.79	4.68	29
30	3.27		2.81	4.27	3.86	21.6	11.9	6.62	7.67	8.38	6.74	4.55	30
31	3.41		2.82		3.88		11.5	6.59		8.38		4.37	31
TOTAL	110.61	88.15	85.13	100.28	112.45	289.49	592.5	260.74	225.27	256.46	226.99	172.25	TOTAL
MEAN	3.57	3.15	2.75	3.34	3.63	9.65	19.1	8.41	7.51	8.27	7.57	5.56	MEAN
MAX	3.96	3.40	2.91	4.31	4.22	21.6	24.6	11.2	8.44	8.72	8.48	6.66	MAX
MIN	3.27	2.86	2.59	2.87	2.98	3.88	11.5	6.59	6.00	7.81	6.70	4.37	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.90
MAXIMUM DAILY, 24.6 ON JUL 7
MINIMUM DAILY, 2.59 ON MAR 23
MAXIMUM INSTANTANEOUS,
24.7 AT 00:25 CST ON JUL 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 21 20 N
LONG 94 27 30 W
DRAINAGE AREA, 1 530 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 560	JUL	51 200
FEB	7 620	AUG	22 500
MAR	7 360	SEP	19 500
APR	8 660	OCT	22 200
MAY	9 720	NOV	19 600
JUN	25 000	DEC	14 900

TOTAL DISCHARGE, 218 000 dam³

NATURAL FLOW

STURGEON RIVER NEAR BARWICK - STATION NO. 05PC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	3.15 B	0.776	0.858	3.62	0.288	0.012	1.37	---	---	1
2	---	---	0 B	3.23 B	0.790	1.51	2.32	0.280	0.010	3.31	---	---	2
3	---	---	0 B	3.87 B	0.898	2.41	1.54	0.275	0.008	3.94	---	---	3
4	---	---	0 B	2.09 B	0.885	2.18	1.30	0.271	0.008	3.01	---	---	4
5	---	---	0 B	1.22 B	0.915	1.73	1.02	0.260	0.006	2.87	---	---	5
6	---	---	0 B	1.24 B	0.741	1.56	0.774	0.253	0.009	3.54	---	---	6
7	---	---	0 B	1.20 B	0.671	1.16	0.639	0.262	0.062	3.94	---	---	7
8	---	---	0 B	1.22 B	0.587	1.40	0.525	0.282	0.390	3.40	---	---	8
9	---	---	0 B	1.09	0.552	1.62	0.444	0.320	0.477	2.46	---	---	9
10	---	---	0 B	1.01	0.558	1.62	0.345	0.408	0.434	2.03	---	---	10
11	---	---	0 B	0.985	0.497	1.12	0.462	0.376	0.244	2.12	---	---	11
12	---	---	0 B	0.830	0.451	0.875	0.433	0.343	0.129	2.13	---	---	12
13	---	---	0 B	0.753	0.467	0.796	0.360	0.303	0.090	2.03	---	---	13
14	---	---	0 B	0.697	0.431	0.770	0.323	0.248	0.056	1.75	---	---	14
15	---	---	0.397B	0.709	0.553	0.890A	0.318	0.193	0.035	1.50	---	---	15
16	---	---	0.505B	0.740	0.512	0.855E	0.320	0.147	0.028	1.29	---	---	16
17	---	---	0.612B	0.673	0.429	0.820E	0.320	0.108	0.016	1.18	---	---	17
18	---	---	0.478B	0.605	0.389	0.785E	0.376	0.074	0.015	1.14 A	---	---	18
19	---	---	0.344B	0.501	0.367	0.750E	1.04	0.043	0.242	1.10 E	---	---	19
20	---	---	0.210B	0.441	0.330	0.715E	1.05	0.022	0.092	1.05 E	---	---	20
21	---	---	0.105B	0.396	0.305	0.680E	0.923	0.024	0.038	1.01 E	---	---	21
22	---	---	0 B	0.409	0.304	0.645E	0.567	0.013	0.021	0.969E	---	---	22
23	---	---	0 B	0.523	0.327	0.610E	0.376	0.013	0.013	0.927E	---	---	23
24	---	---	0 B	0.544	0.931	0.875E	0.330	0.015	0.013	0.884E	---	---	24
25	---	---	0 B	0.578	2.16	1.14 A	0.326	0.016	0.013	0.842E	---	---	25
26	---	---	0 B	0.572	3.10	1.15	0.577	0.169	0.037	0.799E	---	---	26
27	---	---	1.28 B	0.580	2.90	0.998	1.09	0.070	0.051	0.757A	---	---	27
28	---	---	1.78 B	0.543	2.13	1.18	0.706	0.025	0.276	0.794A	---	---	28
29	---		2.60 B	0.519	1.51	2.41	0.441	0.012	0.385	1.01 A	---	---	29
30	---		3.28 B	0.618	1.17	3.66	0.346	0.009	0.396	1.14 A	---	---	30
31	---		2.73 B		0.964		0.304	0.008		0.996A	---	---	31
TOTAL	---	---	14.321	31.536	27.600	37.772	23.515	5.130	3.606	55.288	---	---	TOTAL
MEAN	---	---	0.462	1.05	0.890	1.26	0.759	0.165	0.120	1.78	---	---	MEAN
MAX	---	---	3.28	3.87	3.10	3.66	3.62	0.408	0.477	3.94	---	---	MAX
MIN	---	---	0	0.396	0.304	0.610	0.304	0.008	0.006	0.757	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.811
MAXIMUM DAILY, 3.94 ON OCT 3
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
4.17 AT 05:00 CST ON OCT 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 41 15 N
LONG 93 59 00 W
DRAINAGE AREA, 168 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 030
FEB	---	AUG	443
MAR	1 240	SEP	312
APR	2 720	OCT	4 780
MAY	2 380	NOV	---
JUN	3 260	DEC	---

TOTAL DISCHARGE, 17 200 dam³

STURGEON RIVER NEAR GLEN AFTON - STATION NO. 02DC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.3B	15.0B	26.5B	67.0E	98.2	40.8	54.0	19.2	15.4	18.5E	36.5E	25.0B	1
2	15.3B	15.0B	27.0B	95.0E	90.0	39.8	49.9	18.6	16.3	19.5E	35.5E	26.5B	2
3	15.3B	15.0B	27.0B	105 E	83.9	38.6	47.2	18.4	16.5	20.5E	34.5E	27.0B	3
4	15.3B	15.0B	26.0B	155 E	80.5	38.3	46.9	19.4	17.9	21.5E	34.0E	27.0B	4
5	15.3B	15.0B	25.5B	215 E	77.9	39.0	59.3	21.4	20.8	23.0E	33.5E	26.5B	5
6	15.3B	14.9B	25.2B	214 E	77.3	39.4	53.0	21.8	22.6	26.0E	32.8E	26.0B	6
7	15.3B	14.9B	25.2B	204 A	75.7	40.1	47.3	21.9	22.5	28.0E	32.0E	25.5B	7
8	15.3B	14.9B	25.2B	207	74.0	41.3	42.9	21.6	22.8	30.5E	31.0E	24.8B	8
9	15.3B	14.9B	24.8B	223	72.6	42.2	40.0	21.3	25.0E	33.0E	30.2E	24.3B	9
10	15.3B	14.9B	24.5B	225	70.3	41.9	37.5	21.7	27.0E	32.0E	29.5E	24.0B	10
11	15.3B	14.8B	23.7B	222	67.6	41.8	35.2	22.5	29.0E	31.5E	28.5E	23.6B	11
12	15.3B	14.8B	23.5B	218	67.1	41.6	33.7	23.0	30.0E	30.0E	28.2E	23.3B	12
13	15.3B	14.8B	23.2B	212	66.9	41.4	34.0	22.9	29.5E	28.5E	28.0E	23.0B	13
14	15.3B	14.8B	23.0B	210	65.4	40.4	32.7	22.1	28.0E	28.0E	28.2E	22.6B	14
15	15.3B	14.8B	22.8B	212	64.0	43.6	31.6	21.0	26.9A	28.0E	28.4E	22.3B	15
16	15.3B	14.7B	22.5B	210	62.7	46.3	30.2	19.8	26.0E	28.0E	28.6E	22.0B	16
17	15.3B	14.7B	22.3B	209	61.1	46.7	28.7	18.9	25.2E	28.5E	28.8	21.8B	17
18	15.3B	14.9B	22.2B	206	58.5	45.8	27.7	18.2	24.5E	31.5E	29.0	21.6B	18
19	15.2B	15.2B	22.2B	200	55.3	45.3	26.9	17.5	23.5E	40.0E	29.1	21.5B	19
20	15.2B	16.8B	22.2B	192	52.7	44.7	26.4	16.9	23.0E	44.0E	29.4	21.3B	20
21	15.2B	18.2B	22.2B	182	50.6	42.9	26.9	15.7	22.5E	46.5E	29.4	21.5B	21
22	15.2B	18.8B	22.2B	169	48.5	41.7	26.2	14.0	21.5E	45.5E	29.1	21.7B	22
23	15.1B	20.0B	22.3B	156	47.2	42.4	25.5	13.9	20.5E	45.0E	28.7	22.0B	23
24	15.1B	22.5B	22.4B	144	45.4	43.7	24.9	14.8	20.0E	44.0E	23.9	21.9B	24
25	15.1B	26.0B	22.6B	133	46.3	48.2	24.0	15.7	19.5E	43.5E	25.1	21.7B	25
26	15.0B	28.0B	23.0B	124	46.8	54.1	23.1	16.2	19.0E	43.5E	28.2	21.4B	26
27	15.0B	28.0B	24.2B	117	45.6	57.7	22.3	16.1	18.7E	42.5E	29.8	20.9B	27
28	15.0B	27.5B	25.5B	112	45.5	56.2	21.6	15.8	18.5E	41.0E	29.8	20.5B	28
29	15.0B		27.5B	109	44.2	55.6	20.9	15.6	18.2E	40.5E	29.2	20.2B	29
30	15.0B		36.0E	105	43.8	56.8	20.3	15.4	18.0E	39.5E	26.0B	19.8B	30
31	15.0B		47.0E		42.1		19.8	15.5		38.0E		19.5B	31
TOTAL	471.5	488.8	779.4	5 152.0	1 927.7	1 338.3	1 040.6	576.8	668.8	1 040.0	894.9	710.7	TOTAL
MEAN	15.2	17.5	25.1	172	62.2	44.6	33.6	18.6	22.3	33.5	29.8	22.9	MEAN
MAX	15.3	28.0	47.0	225	98.2	57.7	59.3	23.0	30.0	46.5	36.5	27.0	MAX
MIN	15.0	14.7	22.2	67.0	42.1	38.3	19.8	13.9	15.4	18.5	23.9	19.5	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 41.3
MAXIMUM DAILY, 225 ON APR 10
MINIMUM DAILY, 13.9 ON AUG 23
MAXIMUM INSTANTANEOUS,
226 AT 20:53 EST ON APR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 38 12 N
LONG 80 15 53 W
DRAINAGE AREA, 2 980 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	40 700	JUL	89 900
FEB	42 200	AUG	49 800
MAR	67 300	SEP	57 800
APR	445 000	OCT	89 900
MAY	167 000	NOV	77 300
JUN	116 000	DEC	61 400

TOTAL DISCHARGE, 1 300 000 dam³

SYDENHAM RIVER AT STRATHROY - STATION NO. 02GG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.562B	0.540B	5.65	2.49	5.90	0.663	0.614	0.345	0.661	5.32	2.34	2.01	1
2	0.558B	0.560B	5.24	1.93	2.93	0.641	0.671	0.304	0.826	6.95	2.08	2.32	2
3	0.556B	0.550B	3.79	1.56	1.90	0.670	0.617	0.359	1.11	7.20	1.84	2.81	3
4	0.553B	0.540B	2.69	1.38	1.41	0.731	0.598	0.422	1.94	4.83	1.65	2.57	4
5	0.550B	0.530B	2.31	1.28	1.40	0.568	0.647	0.499	1.61	2.41	1.50	2.13	5
6	0.545B	0.524B	2.08	1.19	1.36	0.550	0.622	0.547	1.89	2.02	1.69	1.80	6
7	0.540B	0.518B	1.88	1.13	1.27	0.606	0.552	0.485	1.38	2.48	3.56	1.59	7
8	0.537B	0.512B	1.78	1.06	1.15	0.620	0.507	0.544	1.08	3.75	5.30	1.79	8
9	0.533B	0.506B	1.72	1.02	0.955	0.630	0.494	0.545	0.958	4.57	4.38	2.43	9
10	0.530B	0.500B	1.78	0.759	0.911	0.598	0.483	0.496	0.947	3.84	2.78	2.33	10
11	0.527B	0.820B	1.92	0.910	1.13	0.615	0.463	0.563	0.945	2.46	2.22	2.00	11
12	0.523B	1.00 B	1.94	0.975	1.44	0.552	0.435	0.610	0.981	1.93	1.92	1.71	12
13	0.520B	1.30 B	1.93	0.982	1.67	0.580	0.413	0.544	0.935	1.62	1.65	1.50	13
14	0.519B	1.26 B	1.88	1.84	1.54	0.639	0.379	1.21	0.948	1.36	1.41	1.41	14
15	0.518B	1.23 B	1.72	3.20	1.00	0.649	0.180	1.12	0.951	1.17	1.30	1.34	15
16	0.515B	1.50 B	1.73	3.04	1.20	0.637	0	1.00	0.993	1.06	1.22	1.30	16
17	0.512B	6.00 B	1.67	1.97	1.19	0.631	0.073	0.730	1.68	1.15	1.13	1.22B	17
18	0.508B	12.7	1.52	6.56	1.10	0.582	0.211	0.593	2.69	1.55	1.08	1.14B	18
19	0.504B	24.4	1.39	6.17	1.00	0.544	0.232	0.522	2.15	2.14	1.06	1.07	19
20	0.500B	25.5	1.33	3.74	0.972	0.530	0.306	0.479	1.69	2.58	1.55	1.12	20
21	0.498B	19.4	1.29	2.06	0.920	0.555	0.336	0.437	1.52	2.60	3.25	1.11	21
22	0.496B	14.6	1.27	1.62	0.877	0.902	0.317	0.425	2.58	3.88	4.12	1.10	22
23	0.494B	17.9	1.34	4.19	0.816	1.73	0.282	0.416	2.93	8.09	3.13	1.43B	23
24	0.492B	24.2	1.45	6.43	0.768	1.64	0.249	0.416	2.86	8.54	2.29	2.13B	24
25	0.490B	13.7	1.51	6.47	0.785	1.19	0.230	0.407	2.27	8.71	1.83	2.65B	25
26	0.495B	9.63	1.57	4.53	0.780	1.01	0.239	0.418	1.93	5.22	1.56	2.34B	26
27	0.520B	7.46	2.00	2.56	0.752	0.866	0.226	0.444	1.69	3.39	3.60	1.99	27
28	0.540B	5.79	2.16	3.82	0.738	0.781	0.340	0.529	1.50	5.01	3.54	1.71	28
29	0.575B		1.87	7.85	0.731	0.696	0.424	0.592	1.36	4.90	2.86	1.50	29
30	0.580B		1.74	8.25	0.750	0.643	0.449	0.566	1.36	3.85	2.14	1.41	30
31	0.520B		2.34		0.713		0.413	0.557		2.77		1.34	31
TOTAL	16.310	193.670	64.49	90.966	40.058	22.249	12.002	17.124	46.365	117.35	69.98	54.30	TOTAL
MEAN	0.526	6.92	2.08	3.03	1.29	0.742	0.387	0.552	1.55	3.79	2.33	1.75	MEAN
MAX	0.580	25.5	5.65	8.25	5.90	1.73	0.671	1.21	2.93	8.71	5.30	2.81	MAX
MIN	0.490	0.500	1.27	0.759	0.713	0.530	0	0.304	0.661	1.06	1.06	1.07	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.04
MAXIMUM DAILY, 25.5 ON FEB 20
MINIMUM DAILY, 0 ON JUL 16
MAXIMUM INSTANTANEOUS,
27.8 AT 06:35 EST ON FEB 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 57 35 N
LONG 81 37 42 W
DRAINAGE AREA, 172 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 410	JUL	1 040
FEB	16 700	AUG	1 480
MAR	5 570	SEP	4 010
APR	7 860	OCT	10 100
MAY	3 460	NOV	6 050
JUN	1 920	DEC	4 690

TOTAL DISCHARGE, 64 300 dam³

SYDENHAM RIVER AT WALLACEBURG - STATION NO. 02GG008

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	5.481	5.570	5.584	5.561	5.716	5.520	5.420	1
2	---	---	---	---	---	5.489	5.581	5.587	5.541	5.792	5.503	5.500	2
3	---	---	---	---	---	5.494	5.592	5.579	5.547	5.813	5.493	5.413	3
4	---	---	---	---	---	5.497	5.602	5.594	5.634	5.819	5.484	5.381	4
5	---	---	---	---	---	5.501	5.597	5.565	5.614	5.723	5.491	5.408	5
6	---	---	---	---	---	5.50[e]	5.588	5.560	5.626	5.711	5.521	5.409	6
7	---	---	---	---	---	5.490	5.595	5.568	5.637	5.642	5.478	5.404	7
8	---	---	---	---	---	5.516	5.599	5.611	5.651	5.585	5.487	5.409	8
9	---	---	---	---	---	5.523	5.606	5.601	5.637	5.566	5.459	5.396	9
10	---	---	---	---	---	5.521	5.598	5.613	5.647	5.539	5.491	5.404	10
11	---	---	---	---	---	5.516	5.597	5.600	5.584	5.533	5.460	5.401	11
12	---	---	---	---	---	5.514	5.600	5.593	5.570	5.517	5.434	5.382	12
13	---	---	---	---	---	5.510	5.599	5.594	5.564	5.515	5.425	5.385	13
14	---	---	---	---	---	5.539	5.573	5.585	5.562	5.510	5.418	5.366	14
15	---	---	---	---	---	5.560	5.587	5.613	5.553	5.509	5.411	5.365	15
16	---	---	---	---	---	5.577	5.585	5.568	5.547	5.492	5.408	5.382	16
17	---	---	---	---	---	5.561	5.588	5.574	5.532	5.490	5.413	5.329	17
18	---	---	---	---	---	5.573	5.579	5.575	5.540	5.637	5.415	5.370	18
19	---	---	---	---	---	5.556	5.590	5.564	5.608	5.499	5.366	5.380	19
20	---	---	---	---	---	5.548	5.598	5.567	5.587	5.551	5.501	5.374	20
21	---	---	---	---	---	5.559	5.589	5.566	5.554	5.486	5.478	5.379	21
22	---	---	---	---	---	5.604	5.590	5.558	5.558	5.475	5.473	5.373	22
23	---	---	---	---	---	5.590	5.578	5.559	5.588	5.579	5.457	5.407	23
24	---	---	---	---	---	5.601	5.576	5.540	5.594	5.582	5.405	5.424	24
25	---	---	---	---	---	5.612	5.575	5.528	5.573	5.564	5.419	5.411	25
26	---	---	---	---	---	5.591	5.577	5.538	5.567	5.524	5.421	5.402	26
27	---	---	---	---	5.475	5.587	5.573	5.526	5.615	5.542	5.491	5.417	27
28	---	---	---	---	5.471	5.595	5.602	5.541	5.554	5.611	5.443	5.392	28
29	---		---	---	5.499	5.598	5.606	5.556	5.522	5.599	5.432	5.396	29
30	---		---	---	5.487	5.562	5.603	5.580	5.494	5.572	5.412	5.387	30
31	---		---		5.482		5.590	5.562		5.538		5.363	31
MEAN	---	---	---	---	---	5.546	5.590	5.572	5.579	5.587	5.454	5.394	MEAN
MAX	---	---	---	---	---	5.612	5.606	5.613	5.651	5.819	5.521	5.500	MAX
MIN	---	---	---	---	---	5.481	5.570	5.526	5.494	5.446	5.366	5.329	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 35 34 N
LONG 82 23 05 W

NATURAL FLOW

DRAINAGE AREA,
2 680 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUN
APPLY 170.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUN

REMARKS - DRAINAGE AREA DOES NOT ACCOUNT FOR RUNNING CREEK (NATURAL DIVERSION)

SYDENHAM RIVER NEAR ALVINSTON - STATION NO. 02GG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.33B	1.32B	19.8	8.26	16.7	2.02	1.18	0.843	2.21	55.5	8.75	8.81	1
2	1.31B	1.40B	15.9	7.01	13.3	1.88	1.26	0.764	3.97	76.5	7.12	12.1	2
3	1.28B	1.50B	12.6	5.82	10.1	1.83	1.25	0.730	5.08	36.9	6.02	11.7	3
4	1.24B	1.46B	10.3	4.92	7.51	2.72	1.21	0.695	15.4	22.7	5.29	9.27	4
5	1.22B	1.42B	8.71	4.32	5.69	3.16	1.18	0.829	27.8	16.2	4.88	8.09	5
6	1.20B	1.40B	7.37	3.75	4.99	2.26	1.41	1.27	10.1	12.4	5.21	7.06	6
7	1.18B	1.39B	6.51	3.32	4.54	1.83	1.29	1.15	5.79	12.6	13.4	6.35	7
8	1.16B	1.38B	6.08	2.96	4.14	1.71	1.17	1.17	4.41	11.8	14.0	6.44	8
9	1.14B	1.37B	5.83	2.81	3.82	1.66	1.06	1.90	3.12	11.2	10.4	8.69	9
10	1.12B	1.40B	6.02	2.64	3.57	1.61	0.946	1.92	2.27	9.78	9.14	8.68B	10
11	1.11B	2.90B	6.63	2.59	4.28	1.53	0.886	1.58	1.81	8.68	7.81	9.00B	11
12	1.10B	4.40B	6.97	2.53	7.20	1.46	0.800	1.61	1.60	7.37	6.23	8.48	12
13	1.09B	6.60B	7.18	2.65	7.83	1.44	0.786	2.14	1.42	5.70	5.12	8.26	13
14	1.08B	7.30B	6.94	8.44	6.65	1.67	0.737	2.01	1.30	4.59	4.53	8.07	14
15	1.07B	7.10B	6.54	16.4	6.21	2.36	0.662	2.46	1.18	4.06	4.13	7.96	15
16	1.06B	13.5 B	6.22	10.9	5.92	2.51	0.623	3.26	1.11	3.61	3.84	7.68	16
17	1.05B	52.0 B	5.81	9.26	5.20	2.08	0.472	3.49	1.78	3.32	3.75	6.95	17
18	1.04B	80.0 B	5.22	26.3	4.87	1.77	0.415	2.53	19.4	7.32	3.63	5.72B	18
19	1.03B	85.0 B	4.68	22.7	4.34	1.57	0.661	1.85	25.1	14.8	3.45	5.50B	19
20	1.02B	86.0 B	4.36	14.5	3.83	1.45	0.789	1.44	12.2	10.6	6.83	5.35B	20
21	1.02B	80.0 B	4.17	11.2	3.57	1.39	0.852	1.19	7.19	8.62	19.5	5.20B	21
22	1.01B	66.5	4.19	8.20	3.32	1.54	0.835	1.02	14.6	16.6	19.5	5.15B	22
23	1.01B	66.8	4.44	15.3	3.07	2.15	0.769	0.933	17.1	40.3	12.9	6.00B	23
24	1.00B	73.7	4.83	26.9	2.80	2.53	0.693	0.840	9.77	27.3	10.1	13.7 B	24
25	1.00B	55.2	5.01	20.4	2.63	3.06	0.642	0.798	6.73	17.5	8.18	15.3 B	25
26	1.03B	35.4	5.09	15.0	2.54	2.51	0.595	0.746	5.29	14.4	7.89	12.7 B	26
27	1.20B	22.1	6.69	12.1	2.49	1.93	0.552	0.756	4.37	18.0	17.8	9.66B	27
28	1.40B	18.9	7.87	15.5	2.42	1.62	0.717	0.786	3.56	27.5	16.7	8.14B	28
29	1.58B		6.95	31.5	2.38	1.37	0.842	3.58	2.91	18.2	11.9	7.38B	29
30	1.60B		6.45	22.3	2.24	1.25	1.10	6.57	2.59	12.7	9.49	7.10B	30
31	1.42B		7.42		2.13		0.972	3.92		10.5		6.50B	31
TOTAL	36.10	777.44	222.78	340.38	160.28	57.87	27.356	54.780	221.16	547.25	267.49	256.99	TOTAL
MEAN	1.16	27.8	7.19	11.3	5.17	1.93	0.882	1.77	7.37	17.7	8.92	8.29	MEAN
MAX	1.60	86.0	19.8	31.5	16.7	3.16	1.41	6.57	27.8	76.5	19.5	15.3	MAX
MIN	1.00	1.32	4.17	2.53	2.13	1.25	0.415	0.695	1.11	3.32	3.45	5.15	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.14
MAXIMUM DAILY, 86.0B ON FEB 20
MINIMUM DAILY, 0.415 ON JUL 18
MAXIMUM INSTANTANEOUS,
96.4 AT 10:50 EST ON OCT 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 49 48 N
LONG 81 51 09 W
DRAINAGE AREA, 730 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 120	JUL	2 360
FEB	67 200	AUG	4 730
MAR	19 200	SEP	19 100
APR	29 400	OCT	47 300
MAY	13 800	NOV	23 100
JUN	5 000	DEC	22 200

TOTAL DISCHARGE, 257 000 dam³

SYDENHAM RIVER NEAR DRESDEN - STATION NO. 02GG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.98B	2.45B	32.2	10.3	33.4	2.93	2.07	1.34	4.88	30.0	15.9	14.7	1
2	1.92B	2.32B	30.0	10.3	22.2	2.75	1.83	1.23	3.40	94.4	13.2	17.8	2
3	1.89B	2.28B	22.6	8.67	17.5	2.69	1.70	1.14	3.23	120	10.9	20.4	3
4	1.84B	2.52B	17.7	7.38	13.3	2.70	1.78	1.00	5.81	107	9.27	17.5	4
5	1.81B	2.48B	14.7	6.34	9.99	2.88	1.83	0.992	15.3	51.0	8.34	13.6	5
6	1.78B	2.40B	12.4	5.43	8.13	3.58	1.69	0.987	27.5	29.0	8.32	11.4	6
7	1.73B	2.36B	10.7	4.75	6.83	3.08	1.59	1.12	12.9	22.3	9.35	10.1	7
8	1.70B	2.32B	9.64	4.31	6.05	2.60	1.69	1.87	6.71	19.9	19.7	9.25	8
9	1.68B	2.30B	9.21	4.09	5.51	2.40	1.75	4.48	4.98	17.7	18.4	9.05	9
10	1.64B	2.40B	9.60	3.84	5.34	2.34	1.96	3.94	3.85	15.9	13.8	10.2 B	10
11	1.62B	6.00B	10.5	3.83	7.30	2.21	1.67	3.11	3.07	13.5	11.8	10.9 B	11
12	1.60B	11.0 B	10.6	4.17	11.9	2.07	1.38	2.51	2.58	11.6	10.2	11.7 B	12
13	1.59B	10.6 B	10.7	4.53	13.4	2.03	1.24	2.15	2.21	9.93	8.40	11.8 B	13
14	1.58B	10.2 B	10.3	11.5	11.8	2.29	1.15	2.24	2.00	8.02	7.13	11.5	14
15	1.56B	9.80B	10.1	29.7	10.5	3.19	1.04	2.83	1.79	6.64	6.34	11.6	15
16	1.56B	13.0 B	9.44	24.0	10.8	3.63	0.996	2.89	1.62	5.84	5.90	11.5	16
17	1.55B	35.0 B	8.78	16.5	10.1	3.76	0.985	3.41	1.99	5.30	5.51	11.0	17
18	1.55B	90.0 B	7.82	19.4	8.02	3.33	1.01	3.67	3.04	6.26	5.25	9.23B	18
19	1.54B	120 B	7.08	37.8	6.88	2.87	0.943	3.20	19.8	15.1	5.07	8.80B	19
20	1.53B	135 B	6.46	27.5	5.88	2.53	2.00	2.56	28.7	20.6	6.53	8.60B	20
21	1.52B	138 B	6.05	18.0	5.11	2.34	2.03	2.00	15.6	15.5	20.6	8.30B	21
22	1.51B	133	5.92	13.6	4.62	3.09	1.55	1.65	11.9	15.4	34.6	8.10B	22
23	1.51B	108	6.15	18.2	4.12	4.09	1.29	1.41	21.2	45.7	28.8	10.0 B	23
24	1.50B	109	6.53	39.9	3.83	4.23	1.21	1.26	21.8	63.8	19.3	20.0 B	24
25	1.56B	106	6.84	41.6	3.62	4.13	1.15	1.15	13.0	44.9	15.0	23.7 B	25
26	1.70B	80.3	7.01	28.7	3.49	4.21	1.10	1.08	8.64	26.4	12.3	18.0 B	26
27	2.10B	49.6	8.21	20.5	3.39	3.73	1.06	1.04	6.80	25.2	19.9	13.5 B	27
28	2.30B	33.7	9.86	23.5	3.37	3.02	1.48	1.03	5.47	45.1	35.6	12.5 B	28
29	2.65B		10.5	57.7	3.31	2.51	1.78	1.08	4.59	45.3	24.9	11.2 B	29
30	2.72B		9.68	54.6	3.29	2.22	1.47	1.58	4.04	29.1	17.4	10.5 B	30
31	2.60B		9.88		3.14		1.26	5.83		19.7		10.0 B	31
TOTAL	55.32	1 222.03	347.16	560.64	266.12	89.43	45.684	65.779	268.40	986.09	427.71	386.43	TOTAL
MEAN	1.78	43.6	11.2	18.7	8.58	2.98	1.47	2.12	8.95	31.8	14.3	12.5	MEAN
MAX	2.72	138	32.2	57.7	33.4	4.23	2.07	5.83	28.7	120	35.6	23.7	MAX
MIN	1.50	2.28	5.92	3.83	3.14	2.03	0.943	0.987	1.62	5.30	5.07	8.10	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.9
MAXIMUM DAILY, 138B ON FEB 21
MINIMUM DAILY, 0.943 ON JUL 19
MAXIMUM INSTANTANEOUS,
139B AT 16:59 EST ON FEB 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 35 38 N
LONG 82 06 31 W
DRAINAGE AREA, 1 240 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 780	JUL	3 950
FEB	106 000	AUG	5 680
MAR	30 000	SEP	23 200
APR	48 400	OCT	85 200
MAY	23 000	NOV	37 000
JUN	7 730	DEC	33 400

TOTAL DISCHARGE, 408 000 dam³

SYDENHAM RIVER NEAR OWEN SOUND - STATION NO. 02FB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.95 B	0.990B	10.0	6.98	2.72	2.09	2.27	0.650E	2.32	1.16	1.80	4.69	1
2	1.88 B	1.08 B	8.84	6.09	2.56	1.88	1.91	0.680E	3.38	1.51	1.74	4.72	2
3	1.80 B	1.30 B	6.91	5.35	2.35	1.78	1.57 E	0.700E	4.17	1.99	1.73	5.05	3
4	1.75 B	1.70 B	6.29	5.20	2.21	2.40	1.52 E	0.750E	4.30	1.96	1.65	5.00	4
5	1.68 B	1.90 B	5.92	5.10	2.11	2.35	2.41 E	0.800E	4.70	1.76	1.60	4.46	5
6	1.62 B	1.83 B	5.41	4.69	2.15	2.00	2.56 E	0.940E	4.74	2.36	1.67	3.87	6
7	1.57 B	1.81 B	5.11	4.04	2.07	1.72	2.21 E	1.08 E	3.86	4.12	1.81	3.45	7
8	1.53 B	1.65 B	4.85	3.71	1.94	1.64	1.73 E	1.20 E	2.94	4.64	1.84	3.24	8
9	1.49 B	1.52 B	4.76	4.43	1.82	1.61	1.41 E	1.30 E	2.20	4.40	1.80	2.90	9
10	1.45 B	1.50 B	4.78	5.57	2.18	1.85	1.23 E	1.00 E	1.79	3.57	1.72	2.56	10
11	1.43 B	1.51 B	4.70	5.84	5.09	2.58	1.12 E	0.950E	1.53	2.80	1.69	2.34B	11
12	1.38 B	2.20 B	4.53	5.55	11.2	2.50	1.06 E	0.848A	1.37	2.23	1.65	2.73	12
13	1.35 B	3.00 B	4.29	5.10	11.6	2.17	1.04 E	0.821	1.26	1.86	1.59	2.71	13
14	1.32 B	2.80 B	3.96	4.98	8.52	1.90	0.996E	0.805	1.16	1.67	1.55	2.62	14
15	1.29 B	2.65 B	3.91	5.34	6.36	1.82	0.964E	1.07	1.12	0.696E	1.54	2.57	15
16	1.28 B	2.50 B	3.40B	5.39	5.38	1.68	0.915E	1.37	1.07	1.45 E	1.59	2.56	16
17	1.25 B	2.40 B	3.30B	4.96	4.65	1.67	0.902E	1.14	1.02	1.40 E	1.98	2.38B	17
18	1.22 B	2.30 B	3.00B	4.86	4.02	1.56	0.889E	0.958	0.970	1.60 E	2.13	2.30B	18
19	1.20 B	19.8 B	3.00B	4.94	3.40	1.40	0.910E	0.867	0.945	2.00 E	2.02	2.20B	19
20	1.17 B	34.1 B	2.95B	4.70	2.98	1.28	0.919E	0.802	0.958	1.86 E	2.11	2.12B	20
21	1.15 B	30.7	3.00	4.19	2.65	1.26	0.907E	0.755	0.988	1.75 E	2.58	2.03B	21
22	1.13 B	22.2 B	3.15	3.71	2.39	1.56	0.894E	0.744	1.01	2.10 E	2.82	2.16	22
23	1.11 B	27.3 B	3.67	3.41	2.26	2.07	0.869E	0.745	0.990	3.62 A	2.85	2.20	23
24	1.09 B	29.9 B	4.26	3.29	2.14	1.90	0.862E	0.664	0.955	3.23	2.70	2.31	24
25	1.08 B	21.6 B	4.66	3.25	2.15	1.58	0.822E	0.691	0.918	2.80	2.39	2.31	25
26	1.16 B	16.5	4.69	3.01	2.17	1.38	0.810E	0.687	1.00	2.57	2.23	2.29	26
27	1.30 B	12.3	4.60	2.86	2.10	1.26	0.818E	0.670	1.29	2.40	4.54	2.26	27
28	1.28 B	10.6	4.60	2.76	2.13	1.17	0.840E	0.808	1.41	2.23	7.57	2.25	28
29	1.11 B		4.75	2.78	2.10	1.15	0.855E	1.34	1.28	2.10	7.65	2.26	29
30	0.996B		5.49	2.83	2.11	2.06	0.600E	1.63	1.16	1.97	5.88	2.26	30
31	1.00 B		6.86		2.24		0.550E	1.90		1.85		2.21	31
TOTAL	42.016	259.640	149.64	134.91	109.75	53.27	37.362	29.365	56.804	71.656	76.46	89.01	TOTAL
MEAN	1.36	9.27	4.83	4.50	3.54	1.78	1.21	0.947	1.89	2.31	2.55	2.87	MEAN
MAX	1.95	34.1	10.0	6.98	11.6	2.58	2.56	1.90	4.74	4.64	7.69	5.05	MAX
MIN	0.996	0.990	2.95	2.76	1.82	1.15	0.550	0.650	0.918	0.696	1.54	2.03	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.04
MAXIMUM DAILY, 34.1B ON FEB 20
MINIMUM DAILY, 0.550E ON JUL 31
MAXIMUM INSTANTANEOUS,
36.2B AT 14:08 EST ON FEB 20

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 31 21 N
LONG 80 55 51 W
DRAINAGE AREA, 181 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 630	JUL	3 230
FEB	22 400	AUG	2 540
MAR	12 900	SEP	4 910
APR	11 700	OCT	6 190
MAY	9 480	NOV	6 610
JUN	4 600	DEC	7 690

TOTAL DISCHARGE, 95 900 dam³

TEESWATER RIVER NEAR PAISLEY - STATION NO. 02FC015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.64B	4.23B	78.9	36.5	8.36	4.25	2.25	2.31	7.12	3.31	6.30	17.8	1
2	5.55B	4.31B	69.1	32.8	7.59	3.78	2.43	2.14	9.22	5.32	5.63	32.5	2
3	5.44B	4.17B	58.7	27.8	6.74	3.59	2.17	2.24	7.11	6.47	5.37	21.9	3
4	5.32B	3.89B	51.5B	22.9	6.01	4.03	3.06	2.57	13.8	5.93	5.11	20.5	4
5	5.20B	3.77B	41.8B	19.0	5.54	4.81	5.53	2.74	13.1	5.30	4.79	19.1	5
6	5.11B	3.69B	35.6B	16.2	5.23	4.64	4.83	3.36	12.2	5.56	5.08	17.4	6
7	5.01B	3.60B	30.3B	14.0	5.17	3.89	3.66	3.05	12.2	8.16	6.37	15.3	7
8	4.92B	3.55B	26.0	12.3	4.85	3.32	2.70	2.67	10.6	8.43	6.90	10.2 B	8
9	4.80B	3.49B	23.8	15.2	4.45	3.13	2.50	2.80	9.65	7.65	6.84	8.88B	9
10	4.71B	3.44B	22.6	14.9	5.33	3.38	2.34	3.54	7.92	6.98	6.32	7.86B	10
11	4.62B	4.64B	21.0	13.7	23.7	3.60	2.01	3.17	6.42	6.19	5.84	7.32B	11
12	4.53B	6.78B	19.8	12.4	29.0	3.43	1.98	2.73	5.21	5.23	5.32	6.98B	12
13	4.43B	9.02B	19.6	11.0	27.9	3.11	2.06	2.47	4.39	4.56	5.03	6.74B	13
14	4.35B	10.1 B	16.8B	14.3	25.3	3.07	1.92	2.23E	3.87	4.01	4.70	6.63B	14
15	4.27B	10.4 B	15.7B	15.4	21.5	3.24	1.86	2.61E	3.55	3.79	4.55	6.46B	15
16	4.18B	10.8 B	15.2B	16.1	17.9	3.89	1.80	3.35	3.10	3.61	4.55	6.27B	16
17	4.09B	13.8 B	13.4B	15.6	14.9	3.66	1.60	3.93	2.85	3.61	4.35	6.02B	17
18	4.00B	20.9 B	12.3B	14.2	12.4	3.38	1.55	3.14	2.61	5.53	4.35	5.88B	18
19	3.92B	35.4 B	11.8B	12.4	10.3	2.95	1.64	2.51	2.44	8.36	4.48	5.67B	19
20	3.84B	84.5 B	11.2B	11.2	8.72	2.83	1.89	2.30	2.41	9.42	6.01	5.58B	20
21	3.78B	75.9 B	11.0B	10.1	7.60	2.93	1.95	1.79	2.50	9.79	10.5	5.46B	21
22	3.70B	80.4 B	11.2	8.94	6.75	3.46	1.92	1.72	2.43	9.87	12.6	5.74B	22
23	3.62B	117	13.5	8.64	5.97	5.06	1.69	1.77	2.76	9.87	13.0	6.28B	23
24	3.57B	97.6	16.2	8.72	5.58	5.40	1.71	2.07	2.67	9.43	11.7	6.04B	24
25	3.52B	94.3	17.8	8.64	5.29	4.57	1.47	1.74	2.52	9.10	10.1	5.84B	25
26	3.62B	92.6	18.8	8.33	5.07	3.77	1.57	1.67	2.68	8.66	9.12	5.65B	26
27	3.76B	90.8	20.1	7.76	4.80	3.14	1.79	1.63	4.06	8.11	23.5	5.54B	27
28	4.02B	88.1	22.2	7.28	4.63	2.77	2.50	2.39	4.43	7.82	17.0	5.43B	28
29	4.39B		27.1	7.77	4.64	2.53	3.29	3.82	4.17	7.47	16.7	5.36B	29
30	4.26B		34.2	8.14	4.68	2.46	4.19	5.50	3.59	7.20	16.2	5.24B	30
31	4.10B		38.2		4.54		3.34	5.66		6.69		5.16B	31
TOTAL	136.27	981.18	825.4	432.22	310.44	108.07	75.20	85.62	171.58	211.43	248.51	296.73	TOTAL
MEAN	4.40	35.0	26.6	14.4	10.0	3.60	2.43	2.76	5.72	6.82	8.28	9.57	MEAN
MAX	5.64	117	78.9	36.5	29.0	5.40	5.53	5.66	13.8	9.87	23.5	32.5	MAX
MIN	3.52	3.44	11.0	7.28	4.45	2.46	1.47	1.63	2.41	3.31	4.35	5.16	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.6
MAXIMUM DAILY, 117 ON FEB 23
MINIMUM DAILY, 1.47 ON JUL 25
MAXIMUM INSTANTANEOUS,
133 AT 16:08 EST ON FEB 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 16 07 N
LONG 81 16 09 W
DRAINAGE AREA, 663 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 800	JUL	6 500
FEB	84 800	AUG	7 400
MAR	71 300	SEP	14 800
APR	37 300	OCT	18 300
MAY	26 800	NOV	21 500
JUN	9 340	DEC	25 600

TOTAL DISCHARGE, 335 000 dam³

TEMAGAMI LAKE AT TEMAGAMI - STATION NO. 02DC010

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	293.827	293.492	293.279	293.218	293.797	293.827	293.888	293.626	293.477	293.486	293.669	293.766	1
2	293.827	293.492	293.279	293.218	293.794	293.827	293.888	293.611	293.486	293.486	293.675	293.766	2
3	293.827	293.492	293.279	293.248	293.788	293.827	293.888	293.599	293.492	293.483	293.675	293.757	3
4	293.827	293.461	293.279	293.294	293.781	293.827	293.919	293.589	293.504	293.480	293.675	293.757	4
5	293.827	293.461	293.279	293.355	293.781	293.812	293.919	293.599	293.513	293.480	293.675	293.748	5
6	293.827	293.461	293.279	293.416	293.781	293.809	293.934	293.596	293.519	293.492	293.690	293.742	6
7	293.827	293.431	293.279	293.416	293.781	293.803	293.934	293.568	293.522	293.501	293.693	293.736	7
8	293.827	293.431	293.248	293.461	293.781	293.797	293.934	293.568	293.538	293.507	293.699	293.717	8
9	293.827	293.431	293.248	293.522	293.775	293.827	293.928	293.568	293.538	293.501	293.705	293.717	9
10	293.797	293.431	293.248	293.553	293.769	293.827	293.919	293.568	293.547	293.516	293.705	293.717	10
11	293.797	293.400	293.248	293.583	293.766	293.827	293.919	293.583	293.538	293.522	293.708	293.696	11
12	293.766	293.400	293.218	293.583	293.775	293.827	293.888	293.565	293.538	293.535	293.714	293.690	12
13	293.766	293.400	293.218	293.629	293.797	293.830	293.882	293.565	293.538	293.547	293.714	293.681	13
14	293.766	293.400	293.218	293.675	293.797	293.836	293.867	293.553	293.544	293.553	293.714	293.675	14
15	293.736	293.400	293.218	293.714	293.797	293.842	293.849	293.547	293.538	293.553	293.711	293.635	15
16	293.736	293.370	293.218	293.751	293.797	293.858	293.833	293.538	293.538	293.559	293.711	293.635	16
17	293.705	293.370	293.218	293 781	293.803	293.842	293.824	293.528	293.544	293.571	293.711	293.629	17
18	293.705	293.339	293.218	293.781	293.812	293.858	293.812	293.528	293.528	293.611	293.705	293.626	18
19	293.675	293.339	293.218	293.797	293.827	293.864	293.800	293.513	293.525	293.599	293.705	293.614	19
20	293.675	293.339	293.218	293.797	293.821	293.858	293.788	293.501	293.525	293.605	293.696	293.608	20
21	293.675	293.339	293.218	293.797	293.821	293.855	293.778	293.501	293.522	293.620	293.705	293.596	21
22	293.644	293.309	293.187	293.803	293.821	293.849	293.766	293.501	293.516	293.629	293.705	293.596	22
23	293.644	293.309	293.187	293.797	293.824	293.842	293.751	293.504	293.513	293.629	293.705	293.596	23
24	293.614	293.309	293.187	293.797	293.827	293.842	293.736	293.507	293.513	293.632	293.705	293.586	24
25	293.614	293.309	293.187	293.803	293.827	293.858	293.720	293.507	293.504	293.638	293.705	293.586	25
26	293.583	293.309	293.187	293.809	293.827	293.873	293.705	293.498	293.504	293.644	293.717	293.586	26
27	293.583	293.309	293.157	293.818	293.833	293.873	293.690	293.498	293.504	293.644	293.730	293.583	27
28	293.553	293.309	293.157	293.812	293.833	293.888	293.669	293.492	293.504	293.638	293.742	293.583	28
29	293.553		293.157	293.812	293.842	293.888	293.669	293.489	293.504	293.650	293.754	293.583	29
30	293.522		293.187	293.812	293.842	293.897	293.656	293.483	293.495	293.656	293.766	293.547	30
31	293.522		293.187		293.842		293.644	293.477		293.663		293.507	31
MEAN	293.712	293.387	293.223	293.628	293.805	293.843	293.819	293.541	293.519	293.569	293.706	293.654	MEAN
MAX	293.827	293.492	293.279	293.818	293.842	293.897	293.934	293.626	293.547	293.663	293.766	293.766	MAX
MIN	293.522	293.309	293.157	293.218	293.766	293.797	293.644	293.477	293.477	293.480	293.669	293.507	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 293.618
MAXIMUM DAILY, 293.934 ON JUL 6
MINIMUM DAILY, 293.157 ON MAR 27

TYPE OF GAUGE - MANUAL
LOCATION - LAT 47 03 46 N
LONG 79 47 44 W

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

WATER LEVELS ARE REFERRED TO TEMISKAMING AND NORTHERN ONTARIO RAILWAY DATUM
APPLY 0.076 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

TEMAGAMI RIVER AT CROSS LAKE DAM - STATION NO. 02DC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	39.1	31.7	17.7	26.5	4.84	6.46	32.3	0	0	0	0	1
2	0	39.1	31.7	0	26.5	4.84	6.46	32.3	0	0	0	0	2
3	0	39.1	31.7	0	26.5	4.84	6.46	32.3	0	0	0	0	3
4	0	38.8	31.7	0	26.5	4.84	7.39	30.9	0	0	0	11.7	4
5	0	38.8	31.7	0	26.5	4.84	7.39	27.8	0	0	0	27.3	5
6	12.3	38.8	31.7	0	20.6	4.08	8.33	21.8	0	0	0	27.3	6
7	28.0	36.8	31.7	0	13.7	4.08	21.1	14.1	0	0	0	27.3	7
8	28.0	36.8	31.1	0	13.7	4.08	34.0	6.46	0.170	0	0	27.3	8
9	28.0	36.8	31.1	0	12.5	4.84	32.3	6.46	0.170	0	0	27.3	9
10	28.0	36.8	31.1	0	12.5	4.84	32.3	6.46	0.170	0	0	27.3	10
11	28.0	35.4	31.1	0	12.5	4.84	32.3	6.46	0.170	0	0	27.3	11
12	28.0	35.4	29.7	0	12.5	4.84	30.9	5.61	0.170	0	0	27.3	12
13	28.0	35.4	31.1	0	8.89	4.84	30.9	5.61	0.170	0	0	27.3	13
14	40.8	35.4	29.7	0	4.08	4.84	29.4	5.61	0.170	0	0	27.3	14
15	56.1	35.4	29.7	0	4.08	5.61	29.4	5.61	0.170	0	0	27.3	15
16	56.1	35.4	29.7	28.6	4.08	5.61	27.9	5.61	0.170	0	0	27.3	16
17	54.7	39.1	29.7	59.2	4.08	5.61	27.9	4.84	0.170	0	0	26.9	17
18	54.7	34.5	29.7	59.2	4.84	5.61	27.9	4.84	0	0	0	26.9	18
19	54.7	34.5	29.7	59.2	4.84	5.61	26.5	2.21	0	0	0	26.9	19
20	54.7	34.5	29.7	59.2	4.84	5.61	33.4	0	0	0	0	26.9	20
21	54.7	34.5	29.7	59.2	4.84	5.61	40.2	0	0	0	0	26.6	21
22	54.7	33.4	28.9	59.2	4.84	5.61	40.2	0	0	0	0	26.6	22
23	54.7	33.4	28.9	59.2	4.84	5.61	40.2	0	0	0	0	26.6	23
24	54.7	33.4	28.9	59.2	4.84	5.61	38.5	0	0	0	0	26.6	24
25	54.7	32.6	28.9	59.2	4.84	5.61	38.5	0	0	0	0	26.6	25
26	53.2	32.6	28.9	59.2	4.84	6.46	37.1	0	0	0	0	26.6	26
27	40.5	32.6	28.3	61.2	4.84	6.46	37.1	0	0	0	0	26.6	27
28	40.5	32.6	28.3	61.2	4.84	6.46	35.4	0	0	0	0	26.6	28
29	40.5		28.3	61.2	5.61	6.46	35.4	0	0	0	0	26.6	29
30	39.1		28.3	45.9	5.61	6.46	34.0	0	0	0	0	26.6	30
31	39.1		28.3		5.61		34.0	0		0		26.6	31
TOTAL	1 106.5	1 001.0	930.7	867.8	325.78	159.49	869.29	257.28	1.700	0	0	739.5	TOTAL
MEAN	35.7	35.8	30.0	28.9	10.5	5.32	28.0	8.30	0.057	0	0	23.9	MEAN
MAX	56.1	39.1	31.7	61.2	26.5	6.46	40.2	32.3	0.170	0	0	27.3	MAX
MIN	0	32.6	28.3	0	4.08	4.08	6.46	0	0	0	0	0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.1
MAXIMUM DAILY, 61.2 ON APR 27
MINIMUM DAILY, 0 ON JAN 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 46 41 N
LONG 79 58 43 W
DRAINAGE AREA, 1 360 km²

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	95 600	JUL	75 100
FEB	86 500	AUG	22 200
MAR	80 400	SEP	147
APR	75 000	OCT	0
MAY	28 100	NOV	0
JUN	13 800	DEC	63 900

TOTAL DISCHARGE, 541 000 dam³

TEMAGAMI RIVER AT RED CEDAR LAKE DAM - STATION NO. 02DC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.9	63.4	60.9	58.6	56.6	34.8	34.8	35.7	9.71	12.5	16.3	29.7	1
2	24.9	66.3	59.7	38.8	32.6	33.7	34.8	34.8	9.71	12.5	16.3	33.7	2
3	23.1	72.5	64.8	6.57	33.7	26.6	34.8	33.7	9.71	11.8	17.1	31.7	3
4	22.2	69.7	67.1	11.8	35.7	23.1	34.8	29.4	9.71	11.1	17.1	31.7	4
5	24.8	67.1	64.6	24.0	19.8	23.1	34.8	24.0	10.4	10.4	17.1	30.6	5
6	29.7	64.6	62.3	34.8	7.76	23.1	40.2	16.5	10.4	10.4	17.1	33.7	6
7	29.7	62.3	60.9	43.3	9.71	23.1	44.5	10.4	10.4	10.4	18.0	49.6	7
8	31.7	60.9	58.6	62.6	11.1	23.1	43.3	11.1	10.4	11.1	18.0	69.7	8
9	39.1	58.6	57.2	83.0	13.2	23.1	44.5	11.1	10.4	11.1	18.0	68.2	9
10	45.6	61.7	56.1	85.8	14.8	17.9	44.5	11.1	10.4	11.1	18.0	60.9	10
11	46.7	67.1	62.6	90.0	16.3	14.8	44.5	11.1	11.1	11.8	18.0	60.9	11
12	46.7	64.6	66.5	94.3	18.8	14.8	44.5	11.1	11.1	12.5	18.0	60.9	12
13	46.7	62.3	64.3	94.3	20.5	16.3	39.6	11.8	11.1	12.5	18.8	60.9	13
14	46.7	60.9	61.7	95.7	21.3	16.3	33.7	11.8	11.8	12.5	18.8	59.7	14
15	47.9	58.6	60.3	110	23.1	16.3	33.7	11.8	11.8	13.2	18.8	59.7	15
16	51.3	56.1	59.2	137	24.0	23.8	33.7	11.8	12.5	14.0	18.8	57.2	16
17	53.8	54.9	62.9	139	24.9	27.8	39.9	11.8	12.5	14.8	18.8	56.1	17
18	54.9	56.4	78.2	140	24.9	34.3	44.5	11.8	13.2	14.8	23.8	56.1	18
19	57.2	62.3	74.5	140	25.9	37.9	43.3	11.8	13.2	16.3	28.9	54.9	19
20	57.2	59.7	75.6	142	32.0	36.8	42.2	11.8	14.0	17.1	27.8	54.9	20
21	58.6	57.2	71.4	140	37.9	35.7	41.1	11.8	14.0	28.3	27.8	54.9	21
22	60.9	54.9	68.0	136	36.8	34.8	41.1	11.8	14.8	37.9	26.8	53.8	22
23	67.4	54.9	64.6	121	36.8	34.8	41.1	11.1	14.8	37.9	26.8	47.6	23
24	73.6	60.9	73.6	107	36.8	33.7	39.9	11.1	14.8	32.6	26.8	42.2	24
25	72.5	66.0	72.5	109	36.8	33.7	39.1	11.1	14.8	31.7	25.9	42.2	25
26	71.1	64.6	66.0	109	36.8	33.7	39.1	11.1	14.8	23.6	25.9	43.3	26
27	69.7	62.3	62.3	107	37.9	33.7	37.9	10.4	14.0	13.2	25.9	43.3	27
28	68.5	60.9	57.2	91.7	36.8	33.7	37.9	10.4	14.0	14.8	25.9	43.3	28
29	67.1		54.9	80.4	36.8	33.7	36.8	10.4	14.0	15.5	25.9	44.5	29
30	66.0		54.9	81.6	35.7	33.7	35.7	9.71	13.2	15.5	24.9	44.5	30
31	64.6		56.1		35.7		35.7	9.71		16.3		44.5	31
TOTAL	1 544.8	1 731.7	1 979.5	2 714.27	871.47	831.9	1 216.0	453.02	366.74	519.2	646.1	1 524.9	TOTAL
MEAN	49.8	61.8	63.9	90.5	28.1	27.7	39.2	14.6	12.2	16.7	21.5	49.2	MEAN
MAX	73.6	72.5	78.2	142	56.6	37.9	44.5	35.7	14.8	37.9	28.9	69.7	MAX
MIN	22.2	54.9	54.9	6.57	7.76	14.8	33.7	9.71	9.71	10.4	16.3	29.7	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 39.5
MAXIMUM DAILY, 142 ON APR 20
MINIMUM DAILY, 6.57 ON APR 3

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 40 45 N
LONG 79 59 42 W
DRAINAGE AREA, 2 360 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	133 000	JUL	105 000
FEB	150 000	AUG	39 100
MAR	171 000	SEP	31 700
APR	235 000	OCT	44 900
MAY	75 300	NOV	55 800
JUN	71 900	DEC	132 000

TOTAL DISCHARGE, 1 240 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

THAMES RIVER AT BYRON - STATION NO. 02GE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.5 B	8.30B	157	70.7	61.1	12.4	9.83	8.32	69.9	33.2	52.9	39.1	1
2	10.3 B	9.50B	120	52.6	47.8	11.5	9.66	7.40	58.7	66.3	47.6	47.0	2
3	10.0 B	9.20B	86.2	40.6	39.6	13.1	9.03	8.98	66.7	67.4	42.8	58.6	3
4	9.70B	9.00B	60.1	35.5	34.1	17.1	8.38	9.14	130	49.8	40.2	54.1	4
5	9.40B	8.80B	52.6	31.9	30.8	12.7	8.09	9.66	211	37.5	38.5	46.7	5
6	9.10B	8.85B	47.5	28.4	27.1	11.0	11.1	8.76	121	38.0	41.9	40.3	6
7	9.00B	9.00B	42.9	24.7	18.2	9.96	10.4	8.43	69.4	63.0	42.1	36.9	7
8	8.80B	9.00B	39.6	23.0	13.9	11.3	8.78	8.82	52.5	79.7	39.0	35.7	8
9	8.60B	9.05B	38.9	22.4	20.8	14.3	8.04	7.26	39.1	59.5	35.2	33.5	9
10	8.40B	9.10B	41.6	20.2	22.9	11.6	7.30	8.37	31.1	39.6	32.1	26.9	10
11	8.20B	18.0 B	45.1	21.0	28.2	10.5	6.15	9.75	22.3	33.4	29.7	23.2	11
12	8.10B	21.0 B	44.5	20.7	48.2	9.65	5.80	12.0	21.6	30.1	24.7	22.1	12
13	8.00B	24.0 B	45.4	19.8	55.0	10.3	5.99	10.7	18.7	26.5	22.1	22.0	13
14	7.90B	25.0 B	45.0	41.0	43.2	11.7	6.17	9.44	21.7	25.5	20.4	20.5	14
15	7.80B	27.0 B	38.8	61.5	38.0	11.6	5.87	12.8	31.4	27.1	19.3	19.1	15
16	7.80B	31.0	36.5	50.3	37.2	11.8	5.58	10.5	23.8	25.9	19.1	19.0	16
17	7.75B	47.8	33.6	45.8	34.3	11.9	5.07	9.49	26.4	24.9	19.8	17.2	17
18	7.70B	121	29.1	65.4	31.5	10.5	6.50	8.63	23.8	31.0	22.2	12.0B	18
19	7.65B	362	27.1	54.0	28.4	9.39	7.62	7.89	22.9	48.0	19.9	11.0B	19
20	7.60B	508	27.2	43.5	23.1	8.72	9.02	7.12	22.1	63.5	28.8	11.0B	20
21	7.60B	503	25.9	36.0	22.3	14.4	8.40	6.73	23.6	56.7	58.9	11.0B	21
22	7.70B	458	24.3	31.3	19.0	37.3	7.14	6.23	37.0	64.8	72.9	13.0B	22
23	7.75B	523	24.8	46.6	14.2	39.7	6.09	5.91	48.5	155	56.5	19.3	23
24	7.80B	594	26.5	65.3	14.9	33.4	5.84	6.06	37.3	146	44.3	19.3	24
25	7.80B	425	27.0	68.1	15.4	25.8	5.55	6.08	27.7	104	36.9	17.2	25
26	8.40B	271	28.8	53.0	15.2	19.7	5.68	5.97	23.3	102	32.3	15.7B	26
27	9.20B	147	35.0	43.9	15.3	13.6	5.84	5.94	21.0	90.9	36.9	15.0B	27
28	9.40B	125	57.5	52.7	16.6	12.3	13.5	7.30	19.9	118	49.2	14.0B	28
29	9.00B		50.5	90.5	15.5	11.1	14.0	7.00	18.9	114	49.2	13.2B	29
30	8.70B		49.0	84.3	14.5	10.4	11.8	11.3	18.6	80.0	41.8	13.0B	30
31	8.40B		71.9		13.4		9.53	49.0		62.2		12.8B	31
TOTAL	264.05	8 320.60	1 479.9	1 344.7	859.7	448.72	247.75	300.98	1 359.9	1 963.5	1 117.2	759.4	TOTAL
MEAN	8.52	154	47.7	44.8	27.7	15.0	7.99	9.71	45.3	63.3	37.2	24.5	MEAN
MAX	10.5	594	157	90.5	61.1	39.7	14.0	49.0	211	155	72.9	58.6	MAX
MIN	7.60	8.30	24.3	19.8	13.4	8.72	5.07	5.91	18.6	24.9	19.1	11.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 39.6
MAXIMUM DAILY, 594 ON FEB 24
MINIMUM DAILY, 5.07 ON JUL 17
MAXIMUM INSTANTANEOUS,
654 AT 03:32 EST ON FEB 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 57 47 N
LONG 81 19 55 W
DRAINAGE AREA, 3 110 km²

B - ICE CONDITIONS

REGULATED SINCE 1953

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	22 800	JUL	21 400
FEB	373 000	AUG	26 000
MAR	128 000	SEP	117 000
APR	116 000	OCT	170 000
MAY	74 300	NOV	96 500
JUN	38 800	DEC	65 600

TOTAL DISCHARGE, 1 250 000 dam³

THAMES RIVER AT CHATHAM - STATION NO. 02GE004

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.296E	1.439E	2.999E	1.750	2.085	1.658	1.798	1.786E	1.719	2.118	1.905E	1.579	1
2	1.271E	1.436	2.329	1.759	1.935E	1.679	1.795	1.783E	1.811	2.530	1.811	1.710	2
3	1.210E	1.436	2.298	1.695	1.829E	1.679	1.780	1.783E	1.835	2.377E	1.768	1.695	3
4	1.149E	1.451	2.039	1.676E	1.750	1.728	1.789E	1.780	1.920	2.140E	1.743	1.695	4
5	1.119	1.469	1.853	1.649E	1.719	1.716	1.798E	1.829	1.948	1.975	1.588	1.673E	5
6	1.125	1.469	1.753	1.634	1.795	1.719E	1.811	1.765	2.118	2.009	2.006	1.658E	6
7	1.149	1.472E	1.713E	1.564	1.719	1.722E	1.798	1.725	2.280	2.030	1.920E	1.634	7
8	1.167	1.472E	1.682E	1.600	1.667	1.725	1.811	1.786E	2.112	1.875	1.835E	1.823	8
9	1.155	1.475	1.658	1.600	1.692E	1.789	1.820	1.841E	1.945	1.893	1.750	1.850	9
10	1.173E	1.490	1.640	1.548	1.719E	1.759	1.835	1.884	1.868	1.865E	1.710	1.820	10
11	1.186E	1.600	1.673	1.561E	1.753	1.719	1.829E	1.829	1.798	1.838	1.689E	1.713	11
12	1.195	1.597	1.673	1.585E	1.829	1.710	1.826E	1.786	1.798	1.771E	1.664	1.667E	12
13	1.204	1.588	1.649	1.603	1.789	1.737E	1.820	1.774	1.768	1.704	1.646	1.615E	13
14	1.216	1.597E	1.664E	1.783	1.835	1.753E	1.820	1.786	1.765	1.698	1.637E	1.576	14
15	1.228	1.600E	1.682E	1.908	1.868	1.780	1.804	1.737	1.780	1.719	1.628E	1.603	15
16	1.228	1.609	1.704	1.847	1.841E	1.789	1.795	1.765E	1.750	1.740	1.615	1.615	16
17	1.228E	1.920	1.719	1.844E	1.811E	1.768	1.789	1.795	1.804	1.750E	1.618	1.545	17
18	1.225E	2.414	1.625	1.838	1.780E	1.743	1.801E	1.780	1.780	1.759E	1.655	1.618	18
19	1.225	2.643	1.625	1.890E	1.750	1.780	1.814E	1.774	1.771E	1.765	1.564	1.591E	19
20	1.234	3.319	1.658	1.939	1.750	1.829E	1.826	1.786	1.762E	1.710	1.777	1.564E	20
21	1.244	3.962E	1.615E	1.725	1.734	1.881E	1.853	1.765	1.756	1.728	1.875E	1.533	21
22	1.244	4.572E	1.585E	1.658	1.725	1.929	1.820	1.750	1.838	1.811	1.829E	1.548	22
23	1.265	5.270	1.570	1.765	1.716E	1.850	1.780	1.765E	1.829	2.085	1.795	1.634	23
24	1.292E	5.020	1.558	2.006	1.710E	1.853	1.795	1.783	1.826	2.106E	1.756	1.667E	24
25	1.320E	4.913	1.564	1.951E	1.701	1.875	1.798E	1.728	1.795	2.124E	1.695	1.689	25
26	1.350	4.913	1.548	1.890E	1.695	1.850	1.798E	1.716	1.737	2.140	1.631	1.667E	26
27	1.381	4.694	1.603	1.838	1.716	1.829E	1.798	1.719	1.780E	2.094	1.768	1.640	27
28	1.423	4.145E	1.631E	1.774	1.719	1.804E	1.783	1.734	1.820	2.310	1.734E	1.622E	28
29	1.439		1.661E	1.960	1.695	1.783	1.862	1.759	1.716	2.143	1.701E	1.603	29
30	1.448		1.679	2.115	1.682E	1.795	1.823	1.734E	1.686	2.140	1.670	1.603E	30
31	1.442E		1.634		1.670E		1.789	1.716		2.057E		1.615E	31
MEAN	1.253	2.571	1.751	1.765	1.764	1.774	1.808	1.772	1.837	1.968	1.733	1.647	MEAN
MAX	1.448	5.270	2.999	2.115	2.085	1.929	1.862	1.884	2.280	2.530	2.006	1.850	MAX
MIN	1.119	1.436	1.548	1.548	1.667	1.658	1.780	1.716	1.686	1.698	1.564	1.533	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 1.798
MAXIMUM DAILY, 5.270 ON FEB 23
MINIMUM DAILY, 1.119 ON JAN 5

TYPE OF GAUGE - MANUAL
LOCATION - LAT 42 24 51 N
LONG 82 10 42 W

E - ESTIMATED

REGULATED

DRAINAGE AREA,
4 610 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 173.736 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - WATER LEVELS ADJUSTED TO REFLECT DATUM CHANGE

THAMES RIVER AT INGERSOLL - STATION NO. 02GD016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.99B	1.90B	27.3	5.20	8.62	1.62	2.35	1.38	8.09	4.69	8.63	5.10	1
2	1.90B	2.15B	23.0	4.51	7.62	1.57	1.98	1.39	12.9	6.61	7.89	6.39	2
3	1.82B	2.20B	9.23	4.04	6.74	1.83	1.76	1.67	11.7	6.18	7.16	7.45	3
4	1.75B	2.05B	7.35	3.80	6.20	1.71	1.83	1.59	22.6	5.57	6.39	7.05	4
5	1.70B	1.80B	6.68	3.56	5.83	1.60	1.78	1.95	17.8	5.38	6.08	5.87	5
6	1.65B	1.65B	6.27	3.22	5.61	1.39	1.83	1.61	10.6	6.32	5.06	5.15	6
7	1.60B	1.60B	5.95	3.11	5.52	1.46	1.65	1.52	7.35	7.93	4.72	4.64	7
8	1.55B	1.58B	5.64	2.97	5.51	1.77	1.64	1.60	5.64	8.66	4.35	4.50	8
9	1.50B	1.55B	5.81	2.96	5.42	1.84	1.46	1.54	4.68	4.25	4.06	3.95	9
10	1.45B	1.57B	5.91	2.53	5.59	1.60	1.43	1.73	4.12	3.41	3.67	3.62	10
11	1.43B	1.80B	6.08	2.99	6.65	1.62	1.37	3.38	3.72	2.74	3.73	3.25	11
12	1.40B	6.20B	5.85	2.80	6.27	1.59	1.28	4.12	3.34	2.60	3.46	3.15	12
13	1.38B	7.60B	5.88	2.72	6.02	1.59	1.17	3.21	3.14	3.61	3.25	2.92	13
14	1.36B	9.00B	4.92	6.98	5.86	1.91	1.16	2.83	3.01	7.42	3.08	2.75	14
15	1.33B	8.60B	4.91	6.17	6.00	1.76	1.12	3.20	3.51	7.36	3.11	2.81	15
16	1.31B	9.10B	4.68	4.95	5.94	1.97	1.12	2.98	6.59	7.13	3.25	2.78	16
17	1.28B	12.0 B	4.53	5.84	5.62	2.22	1.22	2.86	6.82	6.81	3.22	2.62	17
18	1.26B	37.9	3.98	6.41	5.37	1.90	1.26	2.45	6.86	9.22	3.30	2.49	18
19	1.24B	59.0	3.86	5.34	5.16	1.65	1.55	2.29	6.80	9.57	3.48	2.30B	19
20	1.22B	56.6	3.74	4.54	4.79	1.68	1.67	2.21	6.66	8.74	5.72	2.20B	20
21	1.21B	51.6	3.78	4.00	2.81	3.81	1.26	2.03	6.98	7.91	8.61	2.15B	21
22	1.20B	44.6	3.75	3.72	2.21	8.53	1.10	2.02	9.28	10.0	8.96	2.20B	22
23	1.20B	58.7	3.71	6.72	2.01	6.33	1.08	2.11	8.49	16.2	7.15	2.60B	23
24	1.25B	57.0	3.18	10.5	1.99	4.37	1.06	2.04	7.21	15.8	5.74	2.70B	24
25	1.30B	42.2	3.16	9.91	1.92	3.12	0.983	2.02	3.44	13.4	5.09	2.50B	25
26	1.58B	34.1	3.37	8.75	2.02	2.38	0.999	1.96	3.11	11.7	4.53	2.35B	26
27	1.95B	29.3	3.72	7.79	2.04	2.12	0.958	1.98	2.96	11.9	5.67	2.22B	27
28	1.90B	29.0	3.70	8.92	2.10	1.97	2.35	2.14	2.65	13.1	5.98	2.18B	28
29	1.70B		3.77	10.5	1.84	1.94	2.18	2.31	2.47	11.9	5.65	2.10B	29
30	1.60B		5.10	9.56	1.82	1.93	1.54	8.14	2.39	10.6	5.15	2.05B	30
31	1.60B		6.01		1.72		1.39	11.3		9.50		2.00B	31
TOTAL	46.61	572.35	194.82	165.01	142.82	70.78	45.530	83.56	204.91	256.21	156.14	106.04	TOTAL
MEAN	1.50	20.4	6.28	5.50	4.61	2.36	1.47	2.70	6.83	8.26	5.20	3.42	MEAN
MAX	1.99	59.0	27.3	10.5	8.62	8.53	2.35	11.3	22.6	16.2	8.96	7.45	MAX
MIN	1.20	1.55	3.16	2.53	1.72	1.39	0.958	1.38	2.39	2.60	3.08	2.00	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.60
MAXIMUM DAILY, 59.0 ON FEB 19
MINIMUM DAILY, 0.958 ON JUL 27
MAXIMUM INSTANTANEOUS,
68.6 AT 14:44 EST ON FEB 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 02 20 N
LONG 80 53 08 W
DRAINAGE AREA, 518 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 030	JUL	3 930
FEB	49 500	AUG	7 220
MAR	16 800	SEP	17 700
APR	14 300	OCT	22 100
MAY	12 300	NOV	13 500
JUN	6 120	DEC	9 160

TOTAL DISCHARGE, 177 000 dam³

THAMES RIVER AT INNERKIP - STATION NO. 02GD021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.240B	0.130B	5.85	3.46	2.13	0.220	0.166	0.078	0.341	0.622	1.43	1.36	1
2	0.230B	0.290B	3.64	2.23	1.39	0.196	0.152	0.057	0.282	2.02	1.20	3.72	2
3	0.222B	0.273B	2.24	1.48	0.995	0.207	0.131	0.053	0.612	1.25	1.01	3.90	3
4	0.215B	0.258B	1.70	1.19	0.793	0.235	0.142	0.056	2.89	0.838	0.873	2.59	4
5	0.210B	0.245B	1.32	1.05	0.673	0.203	0.113	0.097	5.32	0.655	0.790	1.89	5
6	0.205B	0.235B	1.03	0.796	0.594	0.173	0.168	0.112	1.83	1.00	0.834	1.54	6
7	0.197B	0.225B	0.864	0.613	0.498	0.152	0.145	0.081	0.960	3.24	0.800	1.36	7
8	0.180B	0.217B	0.804	0.562	0.439	0.139	0.099	0.081	0.856	2.54	0.700	1.23	8
9	0.170B	0.208B	0.804	0.519	0.418	0.155	0.068	0.068	0.591	1.43	0.621	0.869	9
10	0.163B	0.200B	0.938	0.441	0.452	0.163	0.046	0.087	0.441	0.977	0.538	0.817	10
11	0.155B	0.500B	1.01	0.443	0.817	0.142	0.036	0.149	0.357	0.756	0.512	0.823	11
12	0.150B	1.65 B	0.962	0.536	1.13	0.129	0.033	0.094	0.307	0.598	0.475	0.625	12
13	0.145B	1.45 B	0.900B	0.591	0.949	0.127	0.031	0.075	0.276	0.519	0.423	0.551	13
14	0.140B	1.30 B	0.840B	2.90	0.779	0.190	0.025	0.061	0.506	0.475	0.414	0.520	14
15	0.135B	1.22 B	0.790B	3.35	0.852	0.198	0.014	0.080	0.408	0.451	0.403	0.484	15
16	0.130B	1.18 B	0.740B	1.97	1.09	0.172	0.007	0.105	0.318	0.418	0.397	0.463	16
17	0.125B	5.00 B	0.680B	1.92	1.21	0.153	0.002	0.115	0.306	0.376	0.436	0.400B	17
18	0.123B	20.0 B	0.624	2.69	0.870	0.136	0.003	0.078	0.314	0.741	0.436	0.370B	18
19	0.120B	30.0 B	0.540B	2.04	0.700	0.114	0.010	0.042	0.310	1.52	0.424	0.340B	19
20	0.118B	30.2	0.522	1.47	0.594	0.112	0.045	0.027	0.288	1.90	1.18	0.323B	20
21	0.117B	25.8	0.490	1.10	0.515	0.200	0.067	0.022	0.312	1.50	4.66	0.320B	21
22	0.116B	17.0	0.472	0.927	0.448	0.601	0.040	0.012	0.802	4.52	2.97	0.388	22
23	0.115B	26.0	0.482	1.41	0.432	0.839	0.033	0.008	0.861	9.96	1.86	0.458	23
24	0.115B	21.7	0.536	4.08	0.405	0.457	0.018	0.003	0.578	6.05	1.43	0.466	24
25	0.113B	9.00	0.578	3.69	0.406	0.317	0.008	0.002	0.460	4.50	1.13	0.413	25
26	0.120B	5.76	0.658	2.18	0.364	0.231	0.009	0	0.445	3.78	1.02	0.367	26
27	0.160B	4.12	2.32	1.51	0.401	0.185	0.006	0.001	0.448	3.86	1.65	0.377	27
28	0.137B	5.72	2.71	2.30	0.389	0.152	0.129	0.019	0.391	5.85	1.96	0.378	28
29	0.127B		2.03	5.10	0.340	0.126	0.408	0.050	0.360	3.85	1.57	0.366	29
30	0.123B		3.33	3.38	0.305	0.111	0.258	0.178	0.320	2.46	1.32	0.356	30
31	0.120B		5.74		0.263		0.129	0.631		1.79		0.352	31
TOTAL	4.736	209.881	46.144	55.928	21.641	6.535	2.541	2.522	22.490	70.446	33.466	28.416	TOTAL
MEAN	0.153	7.50	1.49	1.86	0.698	0.218	0.082	0.081	0.750	2.27	1.12	0.917	MEAN
MAX	0.240	30.2	5.85	5.10	2.13	0.839	0.408	0.631	5.32	9.96	4.66	3.90	MAX
MIN	0.113	0.130	0.472	0.441	0.263	0.111	0.002	0	0.276	0.376	0.397	0.320	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.38
MAXIMUM DAILY, 30.2 ON FEB 20
MINIMUM DAILY, 0 ON AUG 26
MAXIMUM INSTANTANEOUS,
35.0 AT 18:30 EST ON FEB 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 12 55 N
LONG 80 41 24 W
DRAINAGE AREA, 149 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	409	JUL	220
FEB	18 100	AUG	218
MAR	3 990	SEP	1 940
APR	4 830	OCT	6 090
MAY	1 870	NOV	2 890
JUN	565	DEC	2 460

TOTAL DISCHARGE, 43 600 dam³

THAMES RIVER AT THAMESVILLE - STATION NO. 02GE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.6B	14.5B	189	76.3	129	19.7	15.6	15.6	24.5	66.0	89.0	59.2	1
2	14.2B	14.2B	186	89.4	96.1	18.0	15.3	12.8	65.5	119	73.3	68.3	2
3	13.9B	15.0B	167	73.5	72.9	17.2	14.5	11.3	68.3	105	64.1	75.1	3
4	13.7B	16.4B	127	56.9	59.0	17.2	13.6	10.1	72.4	103	57.9	76.9	4
5	13.5B	15.8B	92.2	48.0	50.4	22.4	12.9	13.7	91.5	80.0	53.4	74.3	5
6	13.3B	15.0B	76.5	42.9	44.6	22.2	12.9	16.1	165	60.2	52.1	65.0	6
7	13.1B	14.9B	68.6	38.7	40.1	17.7	14.5	14.6	166	50.9	57.5	56.6	7
8	13.0B	14.8B	62.0	34.6	35.0	15.5	15.2	14.0	106	61.7	66.7	51.6	8
9	12.9B	14.7B	57.1	31.7	28.6	14.1	14.5	24.7	69.1	88.2	59.7	51.3	9
10	12.8B	14.6B	55.3	30.2	25.3	16.5	14.0	23.6	53.6	85.0	52.0	49.9	10
11	12.7B	23.0B	56.9	29.6	33.9	17.9	12.2	17.2	41.1	62.8	46.7	45.3	11
12	12.6B	32.5B	60.2	30.4	42.6	15.6	10.6	15.1	34.1	46.0	43.2	38.7	12
13	12.5B	35.5B	61.1	33.5	53.7	14.6	9.31	16.9	27.0	40.8	38.1	36.5	13
14	12.4B	39.0B	59.6	55.7	69.8	16.3	8.56	18.7	25.4	36.3	33.7	35.9	14
15	12.4B	43.0B	61.0	94.0	62.2	23.0	8.28	17.1	22.5	33.2	31.4	34.9	15
16	12.3B	47.5B	55.3	92.7	55.8	23.7	8.42	16.5	29.2	33.1	29.3	32.9	16
17	12.3B	86.0B	50.5	72.0E	51.8	20.4	8.23	19.6	33.6	33.3	28.2	31.1	17
18	12.2B	130 B	47.1	57.0E	47.5	18.6	8.10	16.3	32.7	35.2	27.8	27.8B	18
19	12.2B	186 B	42.7	112 E	43.1	17.5	7.95	14.0	36.0	42.7	28.9	26.5B	19
20	12.2B	310 B	38.3	82.0E	39.0	15.2	11.2	12.6	31.6	54.3	33.3	25.5B	20
21	12.2B	468 A	37.3	66.0E	34.8	13.9	12.3	11.5	29.0	71.3	48.9	25.0B	21
22	12.2B	571 A	37.1	51.0E	30.4	21.4	12.6	10.6	30.6	79.2	72.5	28.0B	22
23	12.3B	576 A	35.9	73.0E	28.5	41.4	11.6	10.0	41.1	111	91.3	38.0B	23
24	12.4B	575	35.5	112 E	24.5	53.3	9.85	9.60	54.3	155	81.5	58.0B	24
25	12.6B	573	36.5	119 E	20.7	48.5	8.65	9.10	50.8	186	64.3	57.0B	25
26	12.8B	578	37.6	102 E	21.1	39.6	8.35	8.97	40.7	148	53.3	47.0B	26
27	14.4B	493	40.8	74.0E	21.9	31.1	8.03	8.97	31.8	132	53.4	38.0B	27
28	16.0B	310	44.7	80.0E	21.7	24.8	11.0	9.04	27.8	149	57.9	33.0B	28
29	17.0B		60.9	138 E	22.3	18.6	14.8	9.24	25.5	141	60.4	30.5B	29
30	16.0B		68.5	146 A	22.6	16.9	20.2	10.6	24.1	148	64.6	29.0B	30
31	15.2B		62.8		21.0		19.0	10.6		117		28.0B	31
TOTAL	411.9	5 226.4	2 111.0	2 186.1	1 349.9	672.8	372.23	428.72	1 550.8	2 674.2	1 614.4	1 374.8	TOTAL
MEAN	13.3	187	68.1	72.9	43.5	22.4	12.0	13.8	51.7	86.3	53.8	44.3	MEAN
MAX	17.0	578	189	146	129	53.3	20.2	24.7	166	186	91.3	76.9	MAX
MIN	12.2	14.2	35.5	29.6	20.7	13.9	7.95	8.97	22.5	33.1	27.8	25.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 54.7
MAXIMUM DAILY, 578 ON FEB 26
MINIMUM DAILY, 7.95 ON JUL 19
MAXIMUM INSTANTANEOUS,
586 AT 04:43 EST ON FEB 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 32 42 N
LONG 81 58 04 W
DRAINAGE AREA, 4 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1953

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	35 600	JUL	32 200
FEB	452 000	AUG	37 000
MAR	182 000	SEP	134 000
APR	189 000	OCT	231 000
MAY	117 000	NOV	139 000
JUN	58 100	DEC	119 000

TOTAL DISCHARGE, 1 738 000 dam³

THAMES RIVER AT WOODSTOCK - STATION NO. 02GD012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.642	0.624	18.6	1.42	4.93	0.574	0.367	0.452	1.03	1.62	5.09	2.26	1
2	0.613	0.692	10.3	1.31	4.50	0.569	0.274	0.449	1.23	2.99	4.61	2.92	2
3	0.601	0.627	2.93	1.25	4.15	0.592	0.286	0.503	1.05	2.84	4.05	4.39	3
4	0.556	0.598	2.86	1.23	3.95	0.547	0.289	0.670	1.60	2.77	3.09	3.77	4
5	0.529	0.540	2.83	1.21	3.91	0.574	0.281	0.769	1.32	2.72	2.32	2.92	5
6	0.555	0.532	2.82	1.17	3.87	0.332	0.274	0.741	1.19	2.93	2.01	2.47	6
7	0.582	0.577	2.78	1.17	3.85	0.602	0.271	0.738	1.14	4.66	1.89	2.19	7
8	0.561	0.574	2.77	1.17	3.98	0.553	0.255	0.767	1.11	3.25	1.74	2.03	8
9	0.548	0.556	2.71	1.15	3.82	0.494	0.268	0.741	1.10	0.720	1.60	1.65	9
10	0.521	0.615	2.69	1.14	3.85	0.471	0.267	0.846	1.08	0.714	1.45	1.36	10
11	0.520	1.61	2.68	1.19	3.88	0.467	0.250	0.782	1.08	0.699	1.36	1.39	11
12	0.518	1.83	2.66	1.15	3.84	0.449	0.259	0.836	1.07	0.672	1.29	1.32	12
13	0.517	2.32	2.47	1.14	3.78	0.414	0.262	0.985	1.06	3.67	1.20	1.13	13
14	0.517	2.72	2.25	1.64	3.76	0.397	0.252	1.03	1.06	5.83	1.16	1.06	14
15	0.502	2.63	2.23	1.40	3.76	0.378	0.247	1.05	3.11	5.56	1.12	1.17	15
16	0.519	2.62	2.21	1.38	3.72	0.465	0.331	1.00	5.32	5.35	1.14	1.09	16
17	0.525	5.68	2.09	1.61	3.68	0.402	0.477	0.990	5.25	5.12	1.16	0.872	17
18	0.527	19.8	1.84	1.52	3.65	0.374	0.484	0.980	5.18	5.13	1.55	0.817	18
19	0.518	22.0	1.84	1.41	3.65	0.363	0.476	0.968	5.10	4.90	1.46	0.818	19
20	0.515	21.1	1.82	1.36	2.45	0.372	0.555	0.965	4.97	4.67	1.96	0.746	20
21	0.507	22.1	1.80	1.34	0.904	0.678	0.481	0.949	4.94	4.53	4.10	0.719	21
22	0.504	22.2	1.80	1.36	0.581	1.00	0.468	0.939	4.94	4.75	4.63	0.746	22
23	0.505	24.3	1.43	3.20	0.587	0.613	0.449	0.964	4.81	6.03	3.46	0.913	23
24	0.494	26.1	1.02	4.56	0.604	0.476	0.442	0.955	2.81	6.89	2.62	0.827	24
25	0.508	25.1	1.02	4.78	0.640	0.354	0.438	0.955	0.659	6.71	2.20	0.816	25
26	0.574	22.3	1.06	4.67	0.662	0.307	0.439	0.959	0.659	6.43	1.98	0.794	26
27	0.639	20.7	1.14	4.38	0.664	0.286	0.437	0.973	0.656	6.37	2.36	0.781	27
28	0.632	19.7	1.21	4.43	0.643	0.285	0.658	0.991	0.647	6.39	2.87	0.772	28
29	0.607		1.21	5.00	0.599	0.279	0.506	1.04	0.619	6.25	2.70	0.767	29
30	0.564		1.49	5.16	0.608	0.277	0.456	1.20	0.621	5.94	2.36	0.728	30
31	0.566		1.54		0.591		0.445	1.02		5.52		0.735	31
TOTAL	16.986	270.745	88.10	64.90	84.063	13.944	11.644	27.207	66.411	132.625	70.53	44.971	TOTAL
MEAN	0.548	9.67	2.84	2.16	2.71	0.465	0.376	0.878	2.21	4.28	2.35	1.45	MEAN
MAX	0.642	26.1	18.6	5.16	4.93	1.00	0.658	1.20	5.32	6.89	5.09	4.39	MAX
MIN	0.494	0.532	1.02	1.14	0.581	0.277	0.247	0.449	0.619	0.672	1.12	0.719	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.44
MAXIMUM DAILY, 26.1 ON FEB 24
MINIMUM DAILY, 0.247 ON JUL 15
MAXIMUM INSTANTANEOUS,
26.4 AT 00:01 EST ON FEB 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 08 39 N
LONG 80 45 04 W
DRAINAGE AREA, 254 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 470	JUL	1 010
FEB	23 400	AUG	2 350
MAR	7 610	SEP	5 740
APR	5 610	OCT	11 500
MAY	7 260	NOV	6 090
JUN	1 200	DEC	3 890

TOTAL DISCHARGE, 77 100 dam³

THAMES RIVER NEAR DUTTON - STATION NO. 02GE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.9B	13.0B	161	85.6	101	15.8	12.5	10.7	23.0E	44.0E	71.7	47.4	1
2	11.7B	13.5B	167	76.8	73.2	14.8	12.3	9.45	63.4E	70.0A	60.6	59.2	2
3	11.6B	14.3B	133	57.5	56.2	14.0	11.7	8.67	61.1A	64.0E	53.3	66.4	3
4	11.5B	13.8B	98.1	45.1	46.3	17.0	11.0	10.8	70.0E	63.0E	47.6	70.2	4
5	11.3B	13.5B	73.0	39.7	40.3	20.0	10.7	13.6	82.0E	58.7A	44.6	62.3	5
6	11.1B	13.4B	64.3	35.7	36.0	15.7	12.3	12.5	150 E	41.5A	43.6	52.3	6
7	11.0B	13.3B	57.2	31.7	31.6	13.7	13.0	10.6	152 E	44.9	53.8	45.8	7
8	10.9B	13.2B	50.9	28.2	28.4	12.2	12.3	10.1	80.5A	75.3	54.3	43.5	8
9	10.8B	13.1B	47.5	26.6	19.9	13.5	10.6	10.5	58.7A	87.2	46.2	43.7	9
10	10.7B	13.0B	47.6	25.5	24.8	15.9	9.93	8.88	42.9A	64.7	40.8	40.0	10
11	10.6B	21.0B	51.3	23.7	28.6	13.9	9.08	9.55	33.9A	43.3	37.2	32.9	11
12	10.5B	31.0B	54.1	24.6	38.2	12.5	8.16	12.1	27.5E	36.5	33.5	29.6	12
13	10.4B	34.0B	52.6	24.5	58.8	12.0	7.59	14.5	22.0E	32.2	28.7	28.2	13
14	10.4B	37.0B	54.3	49.4	58.1	13.4	7.55	12.8	20.9A	28.6	26.2	27.4	14
15	10.3B	42.0B	51.0	79.9	47.6	16.8	7.57	11.9	20.9A	27.6	24.0	25.7	15
16	10.3B	45.0B	45.3	77.8	43.3	16.2	7.47	15.4	33.3A	28.4	22.9	24.4	16
17	10.2B	94.0B	42.6	60.0	41.5	15.1	7.30	13.1	25.9A	28.0	22.4	23.1	17
18	10.2B	130 B	38.9	81.1	37.9	14.9	7.20	11.2	30.1A	30.1	23.2	19.5B	18
19	10.2B	180 B	34.1	93.5	34.5	13.1	7.88	10.3	33.5E	40.8	24.8	17.5B	19
20	10.2B	270 B	32.3	68.4	31.0	12.0	9.41	9.45	30.0E	59.6	25.3	17.3B	20
21	10.2B	528 B	32.2	51.8	26.5	11.8	10.5	9.00	24.0A	71.4	46.0	17.0B	21
22	10.3B	528	31.0	42.6	24.8	22.0	9.98	8.23	25.3A	68.4	78.6	18.6B	22
23	10.4B	518	30.1	60.5	21.5	44.6	8.53	7.73	39.9A	109	81.8	27.0B	23
24	10.5B	530	30.8	93.2	17.2	44.8	7.57	7.49	53.6A	173	62.9	42.0B	24
25	10.6B	551	32.0	99.5	17.7	36.7	7.26	7.64	40.9A	157	48.3	38.0B	25
26	10.7B	485	32.8	84.9	18.3	28.5	7.15	7.67	32.0E	121	40.9	35.0B	26
27	13.4B	336	36.1	64.6	17.8	22.0	6.96	7.38	30.0E	118	44.1	30.5B	27
28	15.0B	187	46.7	66.7	18.3	16.0	7.67	7.60	23.1A	121	48.6	27.5B	28
29	14.2B		64.9	115	19.3	14.2	15.0	8.62	21.8A	100	58.1	24.7B	29
30	13.4B		56.9	128	18.1	13.2	15.6	8.67	20.3A	125	54.3	22.2B	30
31	13.1B		61.5		17.2		13.0	14.8		91.5		21.0B	31
TOTAL	347.6	4 681.1	1 809.1	1 842.1	1 089.9	546.3	304.76	320.93	1 372.5	2 263.7	1 348.3	1 079.9	TOTAL
MEAN	11.2	167	58.4	61.4	35.2	18.2	9.83	10.4	45.8	73.0	44.9	34.8	MEAN
MAX	15.0	551	167	128	101	44.8	15.6	15.4	152	173	81.8	70.2	MAX
MIN	10.2	13.0	30.1	23.7	17.2	11.8	6.96	7.38	20.3	27.6	22.4	17.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 46.6
MAXIMUM DAILY, 551 ON FEB 25
MINIMUM DAILY, 6.96 ON JUL 27
MAXIMUM INSTANTANEOUS,
557 AT 05:22 EST ON FEB 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 43 51 N
LONG 81 34 43 W
DRAINAGE AREA, 3 760 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1953

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	30 000	JUL	26 300
FEB	404 000	AUG	27 700
MAR	156 000	SEP	119 000
APR	159 000	OCT	196 000
MAY	94 200	NOV	116 000
JUN	47 200	DEC	93 300

TOTAL DISCHARGE, 1 470 000 dam³

THAMES RIVER NEAR EALING - STATION NO. 02GD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.95B	4.60B	63.3	22.0	27.8	5.82	5.06	4.06	24.9	12.5	19.9	14.1	1
2	4.90B	5.00B	52.6	17.9	22.0	5.45	5.16	3.77	26.4	23.1	18.0	18.9	2
3	4.87B	5.40B	37.7	14.6	18.3	6.36	4.79	4.53	35.4	18.9	16.3	22.3	3
4	4.83B	5.50B	24.0	12.8	16.2	7.13	4.55	5.07	51.5	14.9	14.8	19.7	4
5	4.80B	5.60B	20.8	11.6	14.8	6.32	4.54	5.28	65.9	13.1	13.7	16.9	5
6	4.78B	5.50B	19.0	10.5	13.8	5.63	7.26	5.22	45.7	12.9	14.4	14.6	6
7	4.76B	5.40B	17.2	9.44	12.7	4.95	5.50	4.70	29.6	20.6	14.0	13.2	7
8	4.74B	5.30B	16.0	8.97	12.2	6.10	4.50	4.56	20.5	21.6	12.6	12.9	8
9	4.72B	5.20B	15.9	8.73	12.0	7.20	4.13	4.49	15.7	17.0	11.3	11.9	9
10	4.70B	5.15B	16.7	8.12	12.2	5.93	3.96	5.04	12.5	12.1	10.2	8.90B	10
11	4.68B	9.00B	17.2	8.49	15.0	5.33	3.56	6.02	10.7	10.1	9.78	8.40B	11
12	4.67B	15.8	16.6	8.89	16.7	4.89	3.49	8.86	9.47	8.68	9.19	8.10B	12
13	4.66B	17.8	17.3	8.37	15.1	5.31	3.57	7.50	8.36	7.91	8.80	7.90B	13
14	4.65B	17.6	15.5	20.2	14.0	6.00	3.43	6.70	7.80	9.40	8.36	7.88	14
15	4.64B	16.6	14.1	32.3	13.9	6.00	3.31	7.28	9.56	11.6	8.21	7.67	15
16	4.63B	15.9	13.6	20.9	15.0	6.08	3.18	7.07	9.80	11.5	8.13	7.67	16
17	4.62B	27.0	12.5	19.6	14.9	6.49	3.33	6.27	12.2	10.9	8.32	7.34	17
18	4.61B	68.0	11.1	32.8	13.2	5.69	3.72	5.56	11.8	14.7	8.65E	5.90B	18
19	4.60B	142	10.5	26.3	12.2	5.10	4.07	5.17	11.3	22.8	10.2 E	5.50B	19
20	4.60B	173	10.1	19.3	11.4	4.91	4.89	4.73	10.9	23.1	15.3 E	5.20B	20
21	4.60B	176	9.79	15.5	9.71	8.21	4.87	4.43	11.1	19.4	22.5 E	5.00B	21
22	4.60B	147	9.87	13.3	8.12	21.6	4.22	4.12	16.9	22.9	25.0 E	6.20B	22
23	4.60B	158	10.1	23.1	7.21	22.8	3.65	3.92	21.5	49.8	20.0 E	8.38	23
24	4.60B	193	9.92	40.4	6.69	13.8	3.49	4.04	17.1	50.3	16.0 E	9.01	24
25	4.60B	118	9.75	38.3	6.74	9.95	3.46	3.89	12.7	38.3	14.2	7.92	25
26	4.90B	80.7	10.1	28.4	6.73	7.83	3.40	3.83	9.30	31.6	12.7	7.51	26
27	5.20B	64.0	11.7	22.6	6.81	6.56	3.58	3.79	8.56	31.2	15.6	7.00B	27
28	5.30B	61.7	13.3	28.5	7.40	5.72	5.87	4.35	7.88	39.4	18.6	6.60B	28
29	5.25B		13.3	44.9	6.97	5.31	7.89	4.39	7.11	33.1	16.4	6.30B	29
30	5.00B		15.7	37.9	6.75	5.10	6.12	9.08	6.76	26.6	14.5	6.20B	30
31	4.65B		24.8		6.30		4.87	34.4		22.5		6.20B	31
TOTAL	147.71	1 553.75	560.03	614.71	382.83	223.57	137.42	192.12	548.90	662.49	415.64	301.28	TOTAL
MEAN	4.76	55.5	18.1	20.5	12.3	7.45	4.43	6.20	18.3	21.4	13.9	9.72	MEAN
MAX	5.30	193	63.3	44.9	27.8	22.8	7.89	34.4	65.9	50.3	25.0	22.3	MAX
MIN	4.60	4.60	9.75	8.12	6.30	4.89	3.18	3.77	6.76	7.91	8.13	5.00	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.7
MAXIMUM DAILY, 193 ON FEB 24
MINIMUM DAILY, 3.18 ON JUL 16
MAXIMUM INSTANTANEOUS,
209 AT 05:25 EST ON FEB 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 58 21 N
LONG 81 12 35 W
DRAINAGE AREA, 1 340 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 800	JUL	11 900
FEB	134 000	AUG	16 600
MAR	48 400	SEP	47 400
APR	53 100	OCT	57 200
MAY	33 100	NOV	35 900
JUN	19 300	DEC	26 000

TOTAL DISCHARGE, 496 000 dam³

THREE MILE CREEK AT MOUNT HOPE - STATION NO. 02HA016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 B	0 B	0.033	0.020	0.015	0	0	0	0.035	0.083	0.031	0.028	1
2	0 B	0.004B	0.021	0.014	0.013	0	0	0	0.290	0.070	0.028	0.060	2
3	0 B	0 B	0.013	0.012	0.011	0.002	0	0.018	0.721	0.032	0.025	0.034	3
4	0 B	0 B	0.009	0.010	0.009	0.005	0	0.171	0.893	0.023	0.022	0.024	4
5	0 B	0 B	0.009	0.010	0.008	0	0	0.016	1.26	0.022	0.020	0.022	5
6	0 B	0 B	0.009	0.008	0.009	0	0	0.004	0.168	0.083	0.024	0.019	6
7	0 B	0 B	0.009	0.004	0.004	0	0	0.001	0.070	0.077	0.023	0.019	7
8	0 B	0 B	0.009	0.003	0.003	0	0	1.14	0.130	0.034	0.019	0.025	8
9	0 B	0 B	0.010	0.003	0.002	0	0	0.386	0.071	0.024	0.015	0.019	9
10	0 B	0 B	0.011	0.002	0.005	0	0	0.049	0.029	0.020	0.013	0.012	10
11	0 B	0.068B	0.012	0.003	0.025	0	0	0.478	0.019	0.017	0.014	0.010	11
12	0 B	0.100B	0.012	0.004	0.026	0	0	0.311	0.014	0.013	0.013	0.008	12
13	0 B	0.039B	0.013	0.004	0.015	0.001	0	1.33	0.011	0.012	0.011	0.009	13
14	0 B	0.025B	0.010	0.053	0.012	0.001	0	0.764	0.008	0.011	0.012	0.010	14
15	0 B	0.020B	0.009	0.026	0.014	0	0	0.289	0.005	0.012	0.013	0.011	15
16	0 B	0.044B	0.010	0.015	0.014	0	0	0.156	0.003	0.012	0.024	0.011	16
17	0 B	0.400B	0.007	0.026	0.011	0	0	0.040	0.111	0.010	0.032	0.008	17
18	0 B	0.250B	0.003	0.130	0.007	0	0	0.014	0.064	0.054	0.027	0.004	18
19	0 B	0.180B	0.002	0.030	0.004	0	0.002	0.009	0.031	0.039	0.023	0.002	19
20	0 B	0.220B	0.002	0.017	0.002	0	0.169	0.004	0.022	0.028	0.327	0.001	20
21	0 B	0.080B	0.004	0.013	0.001	0.003	0.110	0.002	0.048	0.028	0.128	0	21
22	0 B	0.050B	0.010	0.012	0	0.095	0.011	0	0.415	0.112	0.047	0.001	22
23	0 B	0.080B	0.013	0.040	0	0.012	0.002	0	0.077	0.220	0.031	0.064	23
24	0 B	0.062	0.012	0.062	0	0.004	0	0	0.032	0.061	0.025	0.038	24
25	0 B	0.027	0.012	0.031	0	0.001	0	0	0.026	0.037	0.018	0.016	25
26	0.002B	0.021	0.013	0.017	0	0	0	0	0.036	0.066	0.019	0.010	26
27	0 B	0.016	0.028	0.013	0	0	0	0	0.032	0.396	0.062	0.008	27
28	0 B	0.053	0.020	0.061	0.021	0	0.032	0	0.017	0.184	0.035	0.008	28
29	0 B		0.015	0.066	0.011	0	0.030	0	0.013	0.063	0.024	0.009	29
30	0 B		0.028	0.031	0.005	0	0.009	0.127	0.012	0.040	0.020	0.009	30
31	0 B		0.029		0.003		0.002	0.148		0.034		0.010	31
TOTAL	0.002	1.739	0.397	0.740	0.250	0.124	0.367	5.457	4.663	1.917	1.125	0.509	TOTAL
MEAN	0	0.062	0.013	0.025	0.008	0.004	0.012	0.176	0.155	0.062	0.038	0.016	MEAN
MAX	0.002	0.400	0.033	0.130	0.026	0.095	0.169	1.33	1.26	0.396	0.327	0.064	MAX
MIN	0	0	0.002	0.002	0	0	0	0	0.003	0.010	0.011	0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.047
MAXIMUM DAILY, 1.33 ON AUG 13
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
5.64 AT 18:09 EST ON AUG 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 09 58 N
LONG 79 54 36 W
DRAINAGE AREA, 4.38 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0.17	JUL	31.7
FEB	150	AUG	471
MAR	34.3	SEP	403
APR	63.9	OCT	166
MAY	21.6	NOV	97.2
JUN	10.7	DEC	44.0

TOTAL DISCHARGE, 1 490 dam³

TRENT RIVER AT GLEN ROSS - STATION NO. 02HK004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	138B	104B	637	188	144	152	77.0E	47.1	29.4	95.5	246	160	1
2	136B	103B	621	223	155	113	87.0E	42.3	36.7	121	244	162	2
3	134B	104B	596	242	162	70.7	74.0E	42.8	48.7	138	235	174	3
4	132B	106B	563	240	159	93.5	64.0E	40.0	83.2	141	224	183	4
5	129B	108B	544	237	151	111	67.0E	45.7	117	133	205	183	5
6	127B	108B	527	245	148	113	73.0E	51.6	157	115	189	183	6
7	126B	107B	512	263	121	81.6	81.0A	50.5	189	116	181	181	7
8	125B	106B	499	267	103	77.5	85.7	51.3	198	116	178	180	8
9	128B	106B	449	274	104	89.9	79.3	53.0	189	128	170	162 B	9
10	130B	105B	383	296	106	91.8	63.3	54.3	185	129	163	177 B	10
11	128B	110B	331	303	122	84.0E	52.5	70.6	186	125	158	154	11
12	127B	118B	244	301	144	61.0E	39.3	64.8	198	126	154	143	12
13	126B	126B	221	281	184	60.0E	31.9	43.7	204	129	142	142	13
14	130B	132B	229	261	209	66.0E	28.3	36.1	202	125	133	140	14
15	133B	135B	225	248	217	71.0E	26.7	54.1	196	128	132	144	15
16	131B	148B	219	226	204	90.0E	24.6	88.9	193	131	130	133	16
17	130B	180B	208	198	195	119 E	21.4	88.6	198	132	131	129	17
18	128B	230B	179	209	193	149 E	22.4	61.2	191	147	142	131	18
19	126B	290B	163	216	179	141 E	24.5	52.6	160	155	168	132	19
20	125B	340B	144	224	177	110 E	26.5	55.4	142	158	209	131	20
21	123B	400B	145	237	165	104 E	27.0	53.7	129	141	233	117	21
22	122B	470B	151	212	154	109 E	26.4	50.7	133	148	232	107	22
23	118B	530B	153	182	128	141 E	25.9	46.7	139	173	237	106	23
24	114B	590B	157	181	139	166 E	25.1	44.2	128	177	237	94.8	24
25	113B	630B	155	186	147	172 E	25.3	44.5	105	177	233	91.1	25
26	110B	655B	145	187	143	154 E	25.1	38.5	88.1	182	227	91.4	26
27	106B	661	124	184	170	135 E	25.9	39.0	86.4	187	225	94.3	27
28	104B	654	106	166	201	119 E	33.2	39.7	93.4	213	220	96.2	28
29	105B		111	163	198	92.0E	60.2	36.8	93.0	225	217	97.9	29
30	106B		114	151	186	68.0E	59.1	36.6	87.9	223	192	98.3	30
31	105B		136		164		56.8	36.1		237		98.4	31
TOTAL	3 815	7 456	8 991	6 791	4 968	3 205.0	1 439.4	1 561.1	4 185.8	4 671.5	5 788	4 216.4	TOTAL
MEAN	123	266	290	226	160	107	46.4	50.4	140	151	193	136	MEAN
MAX	138	661	637	303	217	172	87.0	88.9	204	237	246	183	MAX
MIN	104	103	106	151	103	60.0	21.4	36.1	29.4	95.5	130	91.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 156
MAXIMUM DAILY, 661 ON FEB 27
MINIMUM DAILY, 21.4 ON JUL 17

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 15 50 N
LONG 77 36 10 W
DRAINAGE AREA, 12 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	330 000	JUL	124 000
FEB	644 000	AUG	135 000
MAR	777 000	SEP	362 000
APR	587 000	OCT	404 000
MAY	429 000	NOV	500 000
JUN	277 000	DEC	364 000

TOTAL DISCHARGE, 4 930 000 dam³

TRENT RIVER AT HEALEY FALLS - STATION NO. 02HK002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	96.1	85.2	385	147	77.5	99.8	43.2	35.6	26.4	55.0	164	102	1
2	95.4	85.4	379	165	73.1	60.9	43.0	32.5	28.1	75.7	155	104	2
3	94.8	86.0	361	164	73.6	44.7	39.0	28.8	36.5	86.3	153	111	3
4	94.2	86.3	361	155	70.3	55.3	37.0	28.5	60.8	86.8	147	116	4
5	93.6	86.1	355	156	67.7	56.1	40.1	33.1	76.4	69.5	131	116	5
6	93.0	86.0	351	168	65.4	44.1	40.1	36.6	96.0	61.4	110	116	6
7	92.3	85.8	342	172	48.0	38.0	39.3	36.3	109	67.9	111	115	7
8	91.6	85.6	331	174	42.5	43.7	38.9	36.9	112	77.5	115	115	8
9	93.6	85.4	307	189	44.1	45.9	35.2	44.1	111	81.6	115	107	9
10	95.6	85.2	253	201	45.2	38.4	31.7	41.7	111	79.2	114	100	10
11	97.1	86.1	186	205	48.9	31.5	28.1	39.9	113	81.8	112	84.4	11
12	96.6	91.6	165	201	78.1	30.5	26.4	36.0	115	81.4	109	83.8	12
13	92.9	95.6	169	173	114	30.4	22.7	27.3	116	80.8	92.8	82.3	13
14	98.6	97.6	163	153	141	30.6	19.1	27.5	116	80.4	81.1	83.4	14
15	98.6	98.6	157	155	151	30.6	16.8	38.6	117	80.7	80.1	74.9	15
16	98.1	109	152	135	144	51.0	17.2	50.6	124	81.1	75.6	74.8	16
17	97.6	139	143	122	140	84.4	17.3	45.7	125	81.7	84.6	74.9	17
18	97.1	180	116	130	133	97.5	20.0	45.9	102	83.2	102	79.5	18
19	96.6	224	95.8	137	127	83.7	22.9	42.1	78.5	90.0	129	78.4	19
20	96.1	261	86.4	148	115	72.3	23.5	38.8	72.0	91.8	147	77.8	20
21	95.6	300	98.1	154	90.1	58.6	22.3	35.3	68.0	86.6	147	70.9	21
22	95.1	333	95.5	131	75.6	71.9	19.9	34.4	70.7	113	148	59.4	22
23	93.1	361	92.8	112	70.4	114	19.6	34.5	73.0	130	148	59.6	23
24	91.1	375	87.4	113	69.0	129	19.7	37.5	67.9	134	148	58.3	24
25	90.6	370	85.1	119	76.0	121	19.8	34.7	53.3	135	149	58.8	25
26	88.6	388	70.2	118	113	92.9	19.9	34.8	51.6	132	143	61.5	26
27	86.0	390	55.3	107	139	79.1	23.9	34.0	54.9	132	141	62.8	27
28	85.5	391	56.3	99.0	151	64.1	27.8	31.0	54.5	134	139	62.5	28
29	85.3		57.4	88.6	153	49.3	34.6	29.0	46.0	136	137	62.1	29
30	85.3		57.1	83.9	142	44.3	42.3	29.2	45.7	146	116	62.3	30
31	85.4		96.2		128		43.0	27.2		166		64.3	31
TOTAL	2 891.1	5 155.5	5 705.6	4 375.5	3 006.5	1 893.6	894.3	1 107.7	2 431.3	3 018.4	3 744.2	2 578.7	TOTAL
MEAN	93.3	184	184	146	97.0	63.1	28.8	35.7	81.0	97.4	125	83.2	MEAN
MAX	98.6	391	385	205	153	129	43.2	50.6	125	166	164	116	MAX
MIN	85.3	85.2	55.3	83.9	42.5	30.4	16.8	27.2	26.4	55.0	75.6	58.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 101
MAXIMUM DAILY, 391 ON FEB 28
MINIMUM DAILY, 16.8 ON JUL 15

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 22 14 N
LONG 77 46 42 W
DRAINAGE AREA, 9 090 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	250 000	JUL	77 300
FEB	445 000	AUG	95 700
MAR	493 000	SEP	210 000
APR	378 000	OCT	261 000
MAY	260 000	NOV	323 000
JUN	164 000	DEC	223 000

TOTAL DISCHARGE, 3 180 000 dam³

REMARKS - DAILY DISCHARGES ARE A TOTAL OF ONT. HYDRO RECORDS AT HEALEY FALLS PLUS RECORDED SPILLWAY RECORDS

TROUT CREEK NEAR FAIRVIEW - STATION NO. 02GD019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.070B	0.060B	1.65	0.827	0.428	0.079	0.058	0.035	0.186	0.396	0.380	0.256	1
2	0.065B	0.080B	0.915	0.519	0.305	0.075	0.052	0.033	1.03	0.755	0.320	1.36	2
3	0.062B	0.100B	0.570B	0.391	0.234	0.072	0.048	0.029	0.513	0.366	0.264	0.768	3
4	0.059B	0.100B	0.500B	0.328	0.211	0.070	0.072	0.036	5.49	0.232	0.226	0.470	4
5	0.056B	0.085B	0.370B	0.264	0.197	0.069	0.100	0.063	2.28	0.179	0.216	0.364	5
6	0.050B	0.080B	0.306	0.213	0.186	0.066	0.077	0.056	0.761	0.328	0.216	0.295	6
7	0.048B	0.075B	0.245	0.189	0.161	0.061	0.062	0.046	0.415	1.19	0.183	0.260	7
8	0.045B	0.070B	0.228	0.177	0.146	0.063	0.050	0.041	0.282	0.648	0.162	0.251	8
9	0.043B	0.065B	0.256	0.170	0.146	0.075	0.047	0.036	0.201	0.359	0.144	0.206	9
10	0.040B	0.060B	0.324	0.142	0.150	0.071	0.041	0.035	0.142	0.236	0.131	0.192	10
11	0.038B	0.055B	0.346	0.152	0.345	0.060	0.036	0.032	0.101	0.183	0.130	0.162	11
12	0.037B	0.125B	0.326	0.147	0.489	0.050	0.036	0.027	0.081	0.149	0.125	0.147	12
13	0.035B	0.283B	0.544	0.136	0.332	0.053	0.035	0.031	0.070	0.124	0.113	0.133	13
14	0.033B	0.270B	0.349	0.978	0.245	0.065	0.029	0.029	0.070	0.112	0.106	0.120	14
15	0.030B	0.260B	0.250B	0.693	0.241	0.063	0.032	0.045	0.062	0.106	0.105	0.122	15
16	0.030B	0.250B	0.230B	0.410	0.572	0.061	0.032	0.036	0.051	0.104	0.111	0.114	16
17	0.030B	1.40 B	0.210B	0.516	0.430	0.067	0.034	0.031	0.053	0.094	0.117	0.095	17
18	0.030B	4.00 B	0.170B	0.800	0.283	0.058	0.038	0.029	0.057	0.177	0.112	0.092	18
19	0.030B	8.40 B	0.140B	0.513	0.225	0.054	0.042	0.029	0.053	0.596	0.108	0.092	19
20	0.030B	7.30 B	0.125B	0.384	0.195	0.053	0.047	0.029	0.054	0.614	0.532	0.091	20
21	0.030B	6.40 B	0.120B	0.269	0.170	0.070	0.049	0.029	0.057	0.457	1.33	0.094	21
22	0.030B	5.60 B	0.162	0.232	0.156	0.259	0.043	0.028	0.169	2.43	0.635	0.101	22
23	0.030B	11.4	0.199	0.492	0.139	0.399	0.041	0.029	0.180	3.49	0.397	0.113	23
24	0.030B	6.28	0.210	1.64	0.125	0.193	0.036	0.025	0.116	1.55	0.294	0.097	24
25	0.030B	2.60	0.230	0.830	0.127	0.127	0.032	0.028	0.089	1.47	0.231	0.089	25
26	0.040B	1.83	0.239	0.491	0.119	0.096	0.042	0.027	0.075	1.72	0.205	0.080B	26
27	0.045B	1.02	1.35	0.371	0.117	0.078	0.041	0.029	0.071	1.89	0.375	0.075B	27
28	0.060B	2.16	0.831	0.860	0.117	0.064	0.070	0.037	0.067	2.87	0.414	0.070B	28
29	0.055B		0.592	1.09	0.107	0.063	0.090	0.044	0.059	1.14	0.308	0.070B	29
30	0.042B		1.41	0.626	0.101	0.059	0.069	0.117	0.054	0.652	0.251	0.065B	30
31	0.036B		1.89		0.093		0.048	0.242		0.471		0.065B	31
TOTAL	1.289	60.008	15.287	14.850	6.892	2.693	1.529	1.363	12.889	25.088	8.241	6.509	TOTAL
MEAN	0.042	2.14	0.493	0.495	0.222	0.090	0.049	0.044	0.430	0.809	0.275	0.210	MEAN
MAX	0.070	11.4	1.89	1.64	0.572	0.399	0.100	0.242	5.49	3.49	1.33	1.36	MAX
MIN	0.030	0.055	0.120	0.136	0.093	0.050	0.029	0.025	0.051	0.094	0.105	0.065	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.429
MAXIMUM DAILY, 11.4 ON FEB 23
MINIMUM DAILY, 0.025 ON AUG 24
MAXIMUM INSTANTANEOUS,
15.9 AT 16:02 EST ON FEB 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 17 43 N
LONG 80 58 24 W
DRAINAGE AREA, 36.0 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	111	JUL	132
FEB	5 180	AUG	118
MAR	1 320	SEP	1 110
APR	1 280	OCT	2 170
MAY	595	NOV	712
JUN	233	DEC	562

TOTAL DISCHARGE, 13 500 dam³

TROUT CREEK NEAR ST. MARYS - STATION NO. 02GD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.662	0.263	4.14	0.916	0.962	1.22	1.21	1.92	2.74	3.90	8.36	1.76	1
2	0.657	0.425	4.08	0.903	0.979	1.26	1.22	1.94	2.73	3.79	8.21	1.80	2
3	0.650	0.578	4.07	0.923	0.966	1.33	1.24	1.96	2.78	3.69	8.13	2.83	3
4	0.636	0.576	4.05	0.925	0.964	1.36	1.30	1.99	2.89	3.54	9.15	3.62	4
5	0.631	0.576	4.04	0.915	0.957	1.39	1.34	1.53	2.85	3.49	9.44	3.52	5
6	0.637	0.572	4.05	0.912	0.950	1.44	1.33	0.284	2.86	3.45	9.04	3.44	6
7	0.639	0.585	4.00	0.914	0.946	1.45	1.35	0.762	2.84	3.60	8.68	3.37	7
8	0.638	0.589	3.98	0.908	0.920	1.49	1.41	1.92	2.86	3.75	8.26	3.26	8
9	0.450	0.593	3.96	0.897	0.935	1.50	1.39	1.97	2.87	3.62	7.78	2.44	9
10	0.273	0.604	3.93	0.891	0.920	1.49	1.41	2.01	3.50	3.52	5.45	1.69	10
11	0.265	0.608	3.96	0.878	0.911	1.46	1.44	1.99	3.89	3.40	1.65	1.35	11
12	0.264	0.621	3.93	0.900	0.918	1.44	1.44	2.01	3.87	3.31	1.57	0.812	12
13	0.262	0.616	3.39	0.893	0.926	1.40	1.46	2.03	3.90	3.21	1.21	0.816	13
14	0.270	0.613	2.71	0.939	0.916	1.32	1.49	2.06	3.97	3.14	0.874	0.805	14
15	0.272	0.622	2.68	0.909	0.922	1.27	1.52	2.09	4.64	3.09	0.817	0.625	15
16	0.266	0.630	2.69	0.918	0.912	1.22	1.55	2.10	5.64	2.97	0.785	0.321	16
17	0.270	1.41	2.68	0.939	0.905	1.21	1.59	2.14	5.50	2.88	0.730	0.314	17
18	0.278	1.13	2.65	0.961	0.903	1.17	1.63	2.21	5.32	2.81	0.690	0.304	18
19	0.271	0.233	2.63	0.956	0.908	1.15	1.65	2.25	5.15	2.74	0.674	0.306	19
20	0.269	0.245	2.12	0.955	0.906	1.15	1.69	2.29	4.97	2.67	0.681	0.303	20
21	0.268	0.221	1.68	0.962	0.900	1.13	1.70	2.32	4.81	2.65	0.681	0.305	21
22	0.267	0.200	1.66	0.956	0.912	1.01	1.71	2.35	4.70	2.64	0.661	0.310	22
23	0.268	0.305	1.36	0.963	0.937	1.11	1.71	2.39	4.61	5.96	0.633	0.317	23
24	0.266	0.188	0.893	0.957	0.955	1.11	1.71	2.47	4.49	8.68	0.629	0.311	24
25	0.271	1.83	0.879	0.944	1.00	1.11	1.71	2.55	4.33	8.59	0.605	0.309	25
26	0.273	4.13	0.873	0.927	1.04	1.12	1.86	2.55	4.27	8.62	0.604	0.309	26
27	0.274	4.07	0.904	0.924	1.09	1.12	1.87	2.58	4.22	8.63	1.08	0.306	27
28	0.273	4.12	0.897	0.970	1.12	1.16	1.87	2.61	4.09	8.70	1.77	0.304	28
29	0.270		0.903	0.963	1.13	1.17	1.89	2.64	3.98	8.69	1.76	0.299	29
30	0.264		0.923	0.965	1.17	1.18	1.91	2.67	3.91	8.54	1.77	0.297	30
31	0.252		0.920		1.21		1.91	2.70		8.46		0.297	31
TOTAL	11.506	27.153	81.632	27.883	30.090	37.94	48.51	65.286	119.18	146.73	102.374	37.050	TOTAL
MEAN	0.371	0.970	2.63	0.929	0.971	1.26	1.56	2.11	3.97	4.73	3.41	1.20	MEAN
MAX	0.662	4.13	4.14	0.970	1.21	1.50	1.91	2.70	5.64	8.70	9.44	3.62	MAX
MIN	0.252	0.188	0.873	0.878	0.900	1.01	1.21	0.284	2.73	2.64	0.604	0.297	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.01
MAXIMUM DAILY, 9.44 ON NOV 5
MINIMUM DAILY, 0.188 ON FEB 24
MAXIMUM INSTANTANEOUS,
9.87 AT 09:43 EST ON NOV 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 15 50 N
LONG 81 04 48 W
DRAINAGE AREA, 140 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	994	JUL	4 190
FEB	2 350	AUG	5 640
MAR	7 050	SEP	10 300
APR	2 410	OCT	12 700
MAY	2 600	NOV	8 850
JUN	3 280	DEC	3 200

TOTAL DISCHARGE, 63 600 dam³

TROUTLAKE RIVER BELOW BIG FALLS - STATION NO. 05QC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.5 B	8.05B	8.30B	8.65B	10.2	11.8	15.4	6.00	6.03	10.1	10.2 E	8.91B	1
2	10.2 B	8.03B	8.27B	8.79B	10.3	11.4	14.8	6.00	5.97	10.0	10.2 E	8.81B	2
3	10.0 B	8.03B	8.25B	8.80B	10.5	11.0	14.3	5.82	5.76	9.87	10.2 E	8.75B	3
4	9.86B	8.00B	8.23B	9.00B	10.7	10.7	13.9	5.57	5.32	9.65	10.2 E	8.72B	4
5	9.95B	8.03B	8.23B	9.14E	10.7	10.6	13.7	5.66	5.23	10.0	10.3 E	8.68B	5
6	10.0 B	8.05B	8.21B	9.26E	10.3	10.6	13.3	6.84	5.56	9.81	10.3 E	8.63B	6
7	9.67B	8.05B	8.18B	9.28E	10.1	10.6	12.7	7.56A	7.67	9.79	10.3 E	8.57B	7
8	9.40B	8.07B	8.16B	9.26E	10.2	10.4	12.1	10.2 E	10.2	9.59	10.3 E	8.52B	8
9	9.49B	8.07B	8.12B	9.23E	10.1	10.5	11.6	10.6 E	11.8	9.42	10.3 E	8.48B	9
10	9.12B	8.09B	8.07B	9.19E	9.78	10.4	11.0	10.9 E	12.1	9.39	10.3 E	8.45B	10
11	9.19B	8.07B	8.05B	9.14E	9.44	10.5	10.9	11.0 E	12.0	9.49	10.2 E	8.41B	11
12	9.26B	8.09B	8.03B	9.12E	9.38	10.2	10.5	10.6 E	11.7	9.65	10.1 E	8.34B	12
13	9.37B	8.12B	7.98B	9.09E	9.26	10.0	10.1	10.3 E	11.0	9.83	10.0 E	8.27B	13
14	9.23B	8.16B	7.96B	9.12E	9.09	10.0	9.76	9.98E	10.6	9.88	9.91B	8.23B	14
15	8.84B	8.18B	7.94B	9.14A	8.92	11.9	9.44	9.60E	10.0	9.33	9.81B	8.21B	15
16	8.70B	8.21B	7.92B	8.84	8.60	14.1	8.88	9.23E	9.70	9.29	9.71B	8.14B	16
17	8.57B	8.23B	7.87B	9.16	8.44	14.4	8.80	8.68E	8.96	9.47	9.60B	8.16B	17
18	8.41B	8.25B	7.80B	9.07	8.46	14.3	8.79	8.27E	8.53	10.1	9.58B	8.14B	18
19	8.32B	8.23B	7.78B	9.06	8.38	14.5	8.60	7.56E	8.48	9.84A	9.53B	8.14B	19
20	8.25B	8.27B	7.76B	8.81	8.17	14.1	8.43	6.66A	8.26	9.86E	9.44B	8.12B	20
21	8.25B	8.27B	7.62B	8.89	8.22	13.5	7.95	6.70	7.82	9.88E	9.37B	8.12B	21
22	8.21B	8.30B	7.58B	8.80	7.96	13.2	7.88	6.46	7.73	9.91E	9.35B	8.09B	22
23	8.16B	8.36B	7.53B	9.08	10.5	12.7	7.67	6.11	7.60	9.93E	9.33B	8.07B	23
24	8.12B	8.39B	7.51B	9.07	11.8	12.3	7.59	5.74	7.35	9.95E	9.30B	8.05B	24
25	8.09B	8.39B	7.44B	9.07	12.7	12.4	7.27	5.70	7.19	9.98E	9.21B	8.05B	25
26	8.07B	8.36B	7.44B	9.49	13.5	12.5	7.09	5.69	7.26	10.0 E	9.19B	8.05B	26
27	8.07B	8.34B	8.70B	10.1	13.3	12.8	7.25	5.56	8.44	10.0 E	9.14B	8.03B	27
28	8.05B	8.32B	8.05B	10.1	12.8	14.7	6.72	5.42	9.43	10.1 E	9.09B	8.03B	28
29	8.05B		8.34B	10.2	12.6	16.2	6.52	5.40	9.75	10.1 E	9.02B	8.00B	29
30	8.00B		8.43B	10.4	12.3	16.2	6.69	5.28	10.1	10.1 E	8.95B	8.00B	30
31	8.03B		8.57B		12.1		6.47	5.35		10.1 E		8.00B	31
TOTAL	275.43	229.01	248.32	276.35	318.80	368.5	306.10	230.44	257.54	304.41	292.43	257.17	TOTAL
MEAN	8.88	8.18	8.01	9.21	10.3	12.3	9.87	7.43	8.58	9.82	9.75	8.30	MEAN
MAX	10.5	8.39	8.70	10.4	13.5	16.2	15.4	11.0	12.1	10.1	10.3	8.91	MAX
MIN	8.00	8.00	7.44	8.65	7.96	10.0	6.47	5.28	5.23	9.29	8.95	8.00	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.22
MAXIMUM DAILY, 16.2 ON JUN 29
MINIMUM DAILY, 5.23 ON SEP 5
MAXIMUM INSTANTANEOUS,
16.4 AT 15:11 CST ON JUN 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 54 10 N
LONG 93 05 30 W
DRAINAGE AREA, 2 370 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	23 800	JUL	26 400
FEB	19 800	AUG	19 900
MAR	21 500	SEP	22 300
APR	23 900	OCT	26 300
MAY	27 500	NOV	25 300
JUN	31 800	DEC	22 200

TOTAL DISCHARGE, 291 000 dam³

TURTLE RIVER NEAR NINE CENTRE - STATION NO. 05PB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.3	13.9	13.1	16.8	59.8	35.7	32.7	17.9	12.6	11.4	14.4	12.4	1
2	15.3	13.7	13.1	19.3	59.2	36.0	32.5	17.6	12.6	11.7	14.3	12.3	2
3	15.2	13.6	13.1	23.2	58.8	36.2	32.2	17.3	12.3	12.0	14.4	12.4	3
4	15.1	13.6	13.0	27.0	58.5	36.5	32.3	17.0	12.3	12.2	14.3	12.3	4
5	15.0	13.6	13.1	29.6	58.1	35.7	32.3	16.7	12.2	12.5	14.0	12.3	5
6	15.0	13.6	13.0	31.7	57.9	35.1	32.0	16.5	12.1	13.0	14.1	12.2	6
7	15.0	13.6	13.0	33.3	56.5	34.7	31.5	16.3	12.1	13.7	14.0	12.1	7
8	14.9	13.5	13.1	34.9	54.8	33.6	30.3	16.2	12.1	14.4	13.6	12.1	8
9	14.8	13.5	13.1	36.0	52.1	33.0	29.1	16.1	12.0	14.8	13.8	12.1	9
10	14.7	13.4	13.0	37.1	52.0	32.6	28.3	16.0	12.0	14.9	13.5	12.0	10
11	14.7	13.4	13.0	37.7	51.3	32.2	27.5	16.0	11.8	15.1	13.5	11.9	11
12	14.7	13.3	12.9	38.5	49.7	32.0	26.5	15.8	11.7	15.2	13.5	11.9	12
13	14.6	13.3	12.9	39.1	47.6	31.7	25.6	15.8	11.6	15.2	13.4	11.9	13
14	14.6	13.3	12.8	39.5	46.5	31.3	24.9	15.4	11.4	15.2	13.4	11.9	14
15	14.4	13.3	12.8	40.0	44.7	31.0	24.1	15.1	11.2	15.1	13.3	11.9	15
16	14.4	13.3	12.7	40.0	42.6	30.4	23.5	15.0	11.1	15.1	13.2	11.9	16
17	14.4	13.3	12.7	38.9	41.4	30.5	23.3	14.7	11.1	15.2	13.0	11.9	17
18	14.4	13.2	12.7	38.7	40.1	29.8	23.4	14.6	11.1	14.8	13.0	11.9	18
19	14.3	13.2	12.6	37.7	38.7	29.0	23.1	14.5	10.9	15.3	12.9	11.8	19
20	14.2	13.2	12.6	37.4	37.0	28.7	22.5	14.3	10.9	15.3	12.7	11.7	20
21	14.1	13.2	12.7	36.3	36.0	28.5	22.2	14.1	10.9	15.3	12.7	11.8	21
22	14.1	13.2	12.6	35.4	34.6	28.8	21.5	14.0	10.9	15.2	12.7	11.8	22
23	14.0	13.2	12.6	36.7	33.7	28.7	20.8	13.7	10.8	15.0	12.7	11.8	23
24	13.9	13.2	12.6	41.6	33.0	28.7	20.8	13.6	10.7	15.1	12.6	11.7	24
25	14.0	13.2	12.6	47.7	33.4	29.4	20.5	13.4	10.7	14.8	12.6	11.7	25
26	14.1	13.2	12.7	52.4	34.6	29.8	20.3	13.3	10.8	14.8	12.6	11.6	26
27	14.1	13.1	12.8	55.9	35.2	30.7	19.9	13.2	10.7	14.6	12.5	11.6	27
28	14.0	13.1	13.1	58.3	35.4	30.9	19.6	13.0	10.8	14.5	12.5	11.6	28
29	14.0		13.7	59.8	35.2	31.4	19.2	12.9	10.9	14.6	12.5	11.6	29
30	13.9		14.3	60.2	35.1	32.4	18.8	12.8	11.0	14.6	12.4	11.5	30
31	13.8		15.0		35.4		18.3	12.7		14.4		11.5	31
TOTAL	449.0	374.2	403.0	1 160.7	1 388.9	954.0	779.5	465.5	343.3	445.0	398.1	369.1	TOTAL
MEAN	14.5	13.4	13.0	38.7	44.8	31.8	25.1	15.0	11.4	14.4	13.3	11.9	MEAN
MAX	15.3	13.9	15.0	60.2	59.8	36.5	32.7	17.9	12.6	15.3	14.4	12.4	MAX
MIN	13.8	13.1	12.6	16.8	33.0	28.5	18.3	12.7	10.7	11.4	12.4	11.5	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.6
MAXIMUM DAILY, 60.2 ON APR 30
MINIMUM DAILY, 10.7 ON SEP 24
MAXIMUM INSTANTANEOUS,
60.9 AT 09:00 CST ON MAY 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 51 00 N
LONG 92 43 30 W
DRAINAGE AREA, 4 870 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	38 800	JUL	67 300
FEB	32 300	AUG	40 200
MAR	34 800	SEP	29 700
APR	100 000	OCT	38 400
MAY	120 000	NOV	34 400
JUN	82 400	DEC	31 900

TOTAL DISCHARGE, 650 000 dam³

TWENTY MILE CREEK AT BALLS FALLS - STATION NO. 02HA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.190B	0.200B	4.99	1.82	3.52	0.228	0.367	2.22	0.111	0.928	3.42	1.78 E	1
2	0.175B	0.500B	4.72	1.67	2.75	0.220	0.322	1.35	0.113	1.02	2.34	2.25 E	2
3	0.163B	2.00 B	3.90	1.48	2.01	0.211	0.278	0.907	0.082	1.11	1.78	2.50 E	3
4	0.155B	1.90 B	2.67	1.30	1.53	0.243	0.193	0.620	0.132	1.15	1.47	2.70 E	4
5	0.160B	1.65 B	1.84	1.12	1.23	0.262	0.151	0.445	4.92	1.33	1.27	2.20 E	5
6	0.160B	1.40 B	1.48 B	0.926	1.50	0.281	0.114	0.367	16.8	1.52	1.13	1.85 E	6
7	0.152B	1.15 B	1.23 B	0.779	1.54	0.245	0.075	0.304	22.9	1.50	1.23	1.62 E	7
8	0.148B	0.900B	0.970	0.619	1.18	0.215	0.061	0.269	18.1	1.37	1.15	1.54 A	8
9	0.140B	0.700B	0.824	0.561	0.958	0.230	0.059	0.212	8.49	1.33	1.07	1.43 B	9
10	0.138B	0.500B	0.770	0.480	0.855	0.192	0.047	0.178	5.54	1.75	0.997	1.32 B	10
11	0.130B	14.0 B	0.749	0.424	4.55	0.170	0.034	0.769	3.99	1.51	0.883	1.21 B	11
12	0.127B	16.8	0.777	0.395	13.0	0.153	0.033	10.3	2.58	1.15	0.777	1.12 B	12
13	0.120B	11.0	0.773	0.390	6.04	0.147	0.028	5.63	1.68	0.924	0.678	1.09	13
14	0.110B	9.30	0.750B	0.530	3.02	0.140	0.016	2.89	1.23	0.738	0.599	1.00 B	14
15	0.105B	7.48	0.696	0.865	1.82	0.121	0.014	2.09	0.941	0.583	0.551	0.890B	15
16	0.100B	7.63	0.646B	1.00	1.59	0.093	0.011	3.02	0.684	0.548	0.827	0.780B	16
17	0.090B	23.0 B	0.614B	1.00	1.39	0.072	0.010	6.03	0.908	0.421	1.44	0.760B	17
18	0.085B	33.0 B	0.542B	1.79	1.12	0.065	0.023	4.54	1.07	0.400	2.10	0.740B	18
19	0.075B	44.1	0.479B	2.46	0.846	0.053	0.286	2.89	0.766	0.321	2.43	0.730B	19
20	0.070B	50.2	0.435B	2.17	0.618	0.034	4.04	1.90	0.547	0.344	14.0	0.710B	20
21	0.065B	44.9	0.498B	1.97	0.441	0.062	6.49	1.29	0.543	0.413	22.3	0.690B	21
22	0.060B	30.4	0.484	1.72	0.331	11.2	7.51	0.897	3.55	1.02	17.5	0.750B	22
23	0.055B	19.4	0.557	1.67	0.257	14.5	4.19	0.636	7.77	5.20	10.2	0.840B	23
24	0.050B	15.4	0.720	3.89	0.232	5.10	2.07	0.472	8.91	8.68	4.98	0.810B	24
25	0.060B	10.5	0.800	4.73	0.207	2.54	1.22	0.361	6.04	7.73	2.97	0.800B	25
26	0.100B	7.32	0.818	3.52	0.175	1.51	0.871	0.257	3.63	5.36	2.10	0.790B	26
27	0.300B	4.89	1.02	2.62	0.177	0.964	0.851	0.201	2.19	5.29	2.23	0.780B	27
28	0.265B	4.39	1.36	2.39	0.260	0.655	1.30	0.161	1.55	18.9	2.27	0.820B	28
29	0.240B		1.69	3.90	0.252	0.484	4.55	0.132	1.19	21.1	2.17	0.818B	29
30	0.220B		1.72	4.22	0.292	0.384	6.15	0.166	0.949	14.0	1.95 E	0.810B	30
31	0.210B		1.83		0.306		3.91	0.132		6.10		0.800B	31
TOTAL	4.218	366.610	41.352	52.409	53.997	40.778	45.274	51.636	127.906	113.732	108.812	36.928	TOTAL
MEAN	0.136	13.1	1.33	1.75	1.74	1.36	1.46	1.67	4.26	3.67	3.63	1.19	MEAN
MAX	0.300	50.2	4.99	4.73	13.0	14.5	7.51	10.3	22.9	21.1	22.3	2.70	MAX
MIN	0.050	0.200	0.435	0.390	0.175	0.034	0.010	0.132	0.082	0.321	0.551	0.690	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.86
MAXIMUM DAILY, 50.2 ON FEB 20
MINIMUM DAILY, 0.010 ON JUL 17
MAXIMUM INSTANTANEOUS,
55.7 AT 02:30 EST ON FEB 20

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 08 02 N
LONG 79 23 00 W
DRAINAGE AREA, 293 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	364	JUL	3 910
FEB	31 700	AUG	4 460
MAR	3 570	SEP	11 100
APR	4 530	OCT	9 830
MAY	4 670	NOV	9 400
JUN	3 520	DEC	3 190

TOTAL DISCHARGE, 90 200 dam³

UXBRIDGE BROOK AT UXBRIDGE - STATION NO. 02EC101

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.389	0.409	0.349	0.325	0.344	0.292	0.348	0.335	0.381	0.356	1
2	---	---	0.377	0.386	0.347	0.321	0.230	0.318	0.354	0.346	0.379	0.365	2
3	---	---	0.359	0.378	0.347	0.338	0.333	0.321	0.367	0.336	0.375	0.365	3
4	---	---	0.358	0.373	0.342	0.355	0.300	0.466	0.814	0.331	0.375	0.357	4
5	---	---	0.365	0.389	0.352	0.337	0.380	0.719	0.747	0.329	0.379	0.350	5
6	---	---	0.363	0.371	0.387	0.316	0.270	0.313	0.487	0.490	0.399	0.345	6
7	---	---	0.360	0.357	0.354	0.327	0.258	0.305	0.409	0.443	0.407	0.347	7
8	---	---	0.363	0.351	0.349	0.336	0.238	0.316	0.369	0.395	0.391	0.357	8
9	---	---	0.365	0.361	0.348	0.322	0.262	0.327	0.340	0.356	0.375	0.347	9
10	---	---	0.363	0.353	0.377	0.358	0.240	0.336	0.326	0.361	0.366	0.338	10
11	---	---	0.360	0.396	0.972	0.358	0.249	0.409	0.323	0.353	0.379	0.343	11
12	---	---	0.355	0.380	0.472	0.320	0.257	0.340	0.319	0.339	0.368	0.348	12
13	---	---	0.350	0.354	0.381	0.321	0.245	0.311	0.313	0.329	0.361	0.347	13
14	---	---	0.295	0.505	0.375	0.325	0.243	0.303	0.304	0.326	0.372	0.346	14
15	---	0.400	0.294	0.390	0.383	0.332	0.247	0.688	0.304	0.337	0.390	0.348	15
16	---	0.368	0.288	0.353	0.376	0.441	0.244	0.442	0.304	0.332	0.467	0.345	16
17	---	0.449	0.275	0.413	0.355	0.452	0.242	0.323	0.315	0.332	0.478	0.339	17
18	---	0.809	0.263	0.486	0.340	0.331	0.265	0.310	0.323	0.524	0.413	0.323	18
19	---	1.00	0.265	0.382	0.341	0.354	0.334	0.304	0.319	0.436	0.489	0.328	19
20	---	1.12	0.294	0.367	0.341	0.352	0.374	0.230	0.320	0.356	0.515	0.330	20
21	---	0.936	0.315	0.354	0.338	0.377	0.289	0.289	0.322	0.337	0.517	0.334	21
22	---	0.594	0.325	0.361	0.335	0.628	0.267	0.300	0.359	0.376	0.400	0.355	22
23	---	0.734	0.334	0.380	0.331	0.434	0.254	0.306	0.327	0.440	0.376	0.370	23
24	---	0.594	0.337	0.417	0.330	0.225	0.251	0.330	0.314	0.416	0.370	0.360	24
25	---	0.466	0.340	0.388	0.343	0.212	0.253	0.318	0.315	0.409	0.356	0.351	25
26	---	0.419	0.344	0.368	0.347	0.253	0.259	0.313	0.334	0.440	0.368	0.349	26
27	---	0.393	0.355	0.357	0.345	0.247	0.264	0.324	0.336	0.610	0.527	0.356	27
28	---	0.397	0.344	0.358	0.409	0.212	0.436	0.368	0.315	0.616	0.401	0.361	28
29	---		0.353	0.371	0.368	0.283	0.479	0.384	0.335	0.412	0.366	0.358	29
30	---		0.546	0.359	0.348	0.225	0.298	0.358	0.321	0.386	0.353	0.357	30
31	---		0.519		0.334		0.299	0.357		0.382		0.355	31
TOTAL	---	---	10.813	11.467	11.716	10.017	8.903	11.020	10.983	12.210	12.093	10.840	TOTAL
MEAN	---	---	0.349	0.382	0.378	0.334	0.287	0.355	0.366	0.394	0.403	0.350	MEAN
MAX	---	---	0.546	0.505	0.972	0.628	0.479	0.719	0.814	0.616	0.527	0.370	MAX
MIN	---	---	0.263	0.351	0.330	0.212	0.230	0.230	0.304	0.326	0.353	0.328	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1.12 ON FEB 20
MINIMUM DAILY, 0.212 ON JUN 25
MAXIMUM INSTANTANEOUS,
1.59 AT 17:21 EST ON FEB 20

DATA CONTRIBUTED BY -
ONTARIO MINISTRY OF THE ENVIRONMENT

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 06 45 N
LONG 79 07 20 W
DRAINAGE AREA, 24.3 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	769
FEB	---	AUG	952
MAR	934	SEP	949
APR	991	OCT	1 050
MAY	1 010	NOV	1 040
JUN	865	DEC	937

VENISON CREEK NEAR WALSINGHAM - STATION NO. 02GC021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.815B	0.900B	2.18	1.12	1.48	0.780	1.04	0.652	0.628	2.14	1.03	1.01	1
2	0.820B	1.00 B	1.87	1.04	1.27	0.759	0.819	0.642	0.696	1.79	0.981	1.09	2
3	0.822B	0.940B	1.62	0.994	1.16	0.855	0.758	0.725	0.761	1.29	0.950	1.06	3
4	0.826B	0.895B	1.49	0.979	1.09	0.859	0.719	0.708	0.843	1.05	0.938	1.00	4
5	0.830B	0.870B	1.45	0.970	1.05	0.784	1.08	0.711	0.752	1.02	0.925	0.960	5
6	0.837B	0.839B	1.38	0.938	1.02	0.753	0.820	0.663	0.705	1.10	0.980	0.938	6
7	0.834B	0.810B	1.31	0.915	0.975	0.725	0.767	0.657	0.674	0.992	0.996	0.927	7
8	0.832B	0.780B	1.26	0.902	0.950	0.721	0.711	0.694	0.718	0.989	0.959	0.936	8
9	0.830B	0.780B	1.26	0.897	0.940	0.722	0.712	0.677	0.680	1.03	0.924	0.902	9
10	0.825B	0.780B	1.26	0.878	0.987	0.707	0.724	0.646	0.657	0.946	0.901	0.860	10
11	0.823B	2.16	1.25	0.910	1.23	0.694	0.686	0.710	0.654	0.895	0.889	0.849	11
12	0.820B	1.80 B	1.22	0.932	1.23	0.665	0.670	0.669	0.653	0.867	0.870	0.840	12
13	0.820B	1.46 B	1.18	0.966	1.11	0.635	0.668	0.647	0.642	0.850	0.849	0.845	13
14	0.818B	1.25 B	1.12	1.55	1.02	0.713	0.629	0.654	0.643	0.838	0.847	0.854	14
15	0.816B	1.12	1.12	1.50	1.08	0.714	0.594	0.678	0.634	0.832	0.848	0.845	15
16	0.814B	1.62	1.10	1.18	1.11	0.675	0.555	0.661	0.661	0.827	0.856	0.840	16
17	0.813B	3.34	1.08	1.25	1.03	0.657	0.503	0.635	1.06	0.833	0.850	0.827	17
18	0.812B	3.56	1.05	1.55	0.957	0.647	0.480	0.629	1.20	0.972	0.841	0.800B	18
19	0.810B	3.55	1.04	1.36	0.902	0.649	0.413	0.615	0.926	1.04	0.845	0.785B	19
20	0.810B	4.07	1.03	1.17	0.879	0.644	0.410	0.610	0.855	1.01	1.20	0.780B	20
21	0.808B	3.21	1.03	1.06	0.859	0.772	0.558	0.615	0.842	0.978	1.44	0.785B	21
22	0.808B	2.53	1.05	1.02	0.831	1.48	0.563	0.611	1.50	1.08	1.25	0.826	22
23	0.810B	3.97	1.06	1.50 E	0.820	1.01	0.544	0.610	1.10	1.18	1.08	1.13	23
24	0.813B	4.83	1.04	1.80 E	0.804	0.857	0.524	0.606	0.928	1.16	1.02	1.04	24
25	0.820B	3.02	1.02	2.05 E	0.796	1.20	0.503	0.596	0.856	1.04	0.982	0.969	25
26	0.840B	2.31	1.04	1.58 E	0.788	1.05	0.584	0.594	0.837	1.04	0.967	0.927	26
27	0.880B	1.98	1.18	1.40 E	0.781	0.845	0.562	0.603	0.804	1.32	0.983	0.907	27
28	0.855B	2.15	1.12	2.06 A	0.905	0.770	0.977	0.610	0.774	1.46	0.953	0.895	28
29	0.845B		1.07	2.58	0.838	0.727	0.901	0.614	0.758	1.28	0.928	0.873	29
30	0.830B		1.18	1.90	0.851	0.713	0.720	0.625	0.765	1.13	0.914	0.845	30
31	0.820B		1.20		0.816		0.670	0.668		1.11		0.841	31
TOTAL	25.556	56.524	38.26	38.951	30.559	23.782	20.804	20.035	24.206	34.089	28.996	27.986	TOTAL
MEAN	0.824	2.02	1.23	1.30	0.986	0.793	0.671	0.646	0.807	1.10	0.967	0.903	MEAN
MAX	0.880	4.83	2.18	2.58	1.48	1.48	1.08	0.725	1.50	2.14	1.44	1.13	MAX
MIN	0.808	0.780	1.02	0.878	0.781	0.635	0.410	0.594	0.628	0.827	0.841	0.780	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.01
MAXIMUM DAILY, 4.83 ON FEB 24
MINIMUM DAILY, 0.410 ON JUL 20
MAXIMUM INSTANTANEOUS,
5.47 AT 03:25 EST ON FEB 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 40 27 N
LONG 80 36 00 W
DRAINAGE AREA, 68.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 210	JUL	1 800
FEB	4 880	AUG	1 730
MAR	3 310	SEP	2 090
APR	3 370	OCT	2 950
MAY	2 640	NOV	2 510
JUN	2 050	DEC	2 420

TOTAL DISCHARGE, 32 000 dam³

VERMILION RIVER AT LORNE FALLS - STATION NO. 02CF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.2	10.8	96.0	87.1	81.8	30.9	44.0	13.6	9.83	18.8	46.2	27.2	1
2	15.5	13.2	88.7	158	78.9	30.1	44.0	13.2	9.83	18.2	44.9	26.6	2
3	15.5	9.06	81.5	167	69.3	30.1	43.8	14.0	9.63	15.3	40.7	26.8	3
4	15.5	11.3	70.6	214	53.5	28.3	41.1	13.4	13.6	16.1	38.0	27.4	4
5	12.7	8.30	64.7	236	38.4	27.6	42.1	12.8	13.4	16.6	38.0	26.4	5
6	13.4	8.86	55.3	295	38.2	27.2	42.7	12.8	13.7	18.4	37.2	27.6	6
7	15.7	10.4	42.3	317	44.4	26.6	41.3	13.4	14.6	19.0	36.5	28.3	7
8	11.3	10.8	32.1	325	47.1	28.3	38.1	12.5	17.2	21.5	36.6	27.2	8
9	10.8	10.0	28.5	340	50.9	27.6	36.7	11.5	14.9	23.0	37.5	27.6	9
10	10.2	11.3	26.8	324	51.7	26.4	35.9	11.1	15.1	27.6	34.1	26.1	10
11	10.2	11.3	26.1	317	50.8	26.1	35.1	11.0	19.5	30.5	34.2	26.1	11
12	11.1	10.8	25.3	298	49.8	26.4	32.6	10.2	20.5	30.7	34.2	24.4	12
13	14.7	9.63	26.6	272	49.8	26.1	30.3	10.0	24.6	31.5	33.0	24.2	13
14	12.3	11.7	26.6	269	48.4	27.8	29.6	11.7	29.5	32.1	32.2	24.6	14
15	12.5	9.63	26.6	244	49.6	23.0	24.9	8.13	32.3	31.1	29.9	24.2	15
16	11.3	10.4	27.4	230	48.4	24.0	26.2	9.06	35.6	28.6	31.1	24.0	16
17	8.86	9.43	27.4	218	48.4	24.6	25.5	8.30	34.5	30.0	30.3	23.8	17
18	10.3	10.0	26.8	202	45.8	25.5	19.5	7.93	33.4	32.5	29.6	23.8	18
19	9.26	11.1	27.4	188	43.6	24.9	23.2	8.30	32.1	37.9	30.2	22.5	19
20	11.7	12.8	27.0	178	42.0	25.3	22.0	8.30	30.5	46.2	31.3	22.7	20
21	11.1	15.5	25.7	167	38.9	24.2	20.6	8.30	27.3	57.3	30.9	22.3	21
22	8.13	21.0	25.7	155	37.6	26.2	17.3	4.90	24.2	60.6	29.1	22.1	22
23	11.7	28.3	25.5	143	36.0	24.9	18.0	8.18	23.3	61.6	29.1	21.0	23
24	11.0	37.3	27.4	133	33.9	25.9	18.0	7.45	22.6	63.4	28.1	21.3	24
25	11.0	58.7	30.0	126	32.8	27.4	16.6	8.50	20.4	62.6	27.9	17.7	25
26	11.7	89.7	36.7	114	32.8	29.3	16.1	8.13	20.2	58.4	27.4	20.4	26
27	11.1	103	42.8	116	33.6	31.8	14.2	7.93	18.1	56.4	25.1	19.5	27
28	9.83	98.7	49.4	102	33.0	36.0	14.5	7.93	17.1	54.5	25.9	20.2	28
29	10.8		57.0	93.8	34.0	39.3	14.4	6.60	14.0	51.7	26.6	19.3	29
30	6.99		69.1	85.1	33.2	41.1	14.0	5.30	15.0	48.4	26.4	19.1	30
31	11.0		82.1		31.7		14.9	8.30		46.4		20.4	31
TOTAL	363.37	663.81	1 325.1	6 114.8	1 408.3	842.9	857.2	302.74	626.49	1 146.9	982.2	734.8	TOTAL
MEAN	11.7	23.7	42.7	204	45.4	28.1	27.7	9.77	20.9	37.0	32.7	23.7	MEAN
MAX	16.2	103	96.0	340	81.8	41.1	44.0	14.0	35.6	63.4	46.2	28.3	MAX
MIN	6.99	8.30	25.3	85.1	31.7	23.0	14.0	4.90	9.63	15.3	25.1	17.7	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 42.1
MAXIMUM DAILY, 340 ON APR 9
MINIMUM DAILY, 4.90 ON AUG 22

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 18 55 N
LONG 81 31 18 W
DRAINAGE AREA, 4 190 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	31 400	JUL	74 100
FEB	57 300	AUG	26 200
MAR	114 000	SEP	54 100
APR	528 000	OCT	99 100
MAY	122 000	NOV	84 900
JUN	72 800	DEC	63 500

TOTAL DISCHARGE, 1 330 000 dam³

DATA CONTRIBUTED BY -
INTERNATIONAL NICKEL COMPANY OF CANADA LIMITED

REMARKS - DRAINAGE AREA REVISED DEC 1981 TO INCLUDE ONAPING LAKE BASIN. EXTREME HIGH WATER SPILLED INTO SPANISH RIVER SYSTEM

VERMILION RIVER NEAR VAL CARON - STATION NO. 02CF011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.30B	3.10B	6.50B	12.7	16.7	7.07	9.83	3.33	2.45	3.98	8.48	5.40B	1
2	3.30B	3.10B	6.30B	19.8	15.8	6.89	9.24	3.27	3.59	4.17	8.29	5.46	2
3	3.30B	3.10B	6.20B	25.3	15.1	6.85	8.84	3.15	4.07	4.26	8.03	5.59	3
4	3.30B	3.05B	6.00B	34.0	14.6	7.16	8.45	3.13	3.65	4.32	7.79	5.59	4
5	3.25B	3.05B	5.90B	57.9	14.6	7.23	8.70	3.32	3.70	4.39	7.65	5.50B	5
6	3.25B	3.00B	5.80B	62.0	14.3	7.06	9.49	3.25	3.69	4.81	7.78	5.50B	6
7	3.20B	3.00B	5.70B	55.7	13.7	6.82	9.54	3.25	3.68	6.16	7.59	5.40B	7
8	3.20B	3.00B	5.60B	52.2	13.2	7.06	9.05	3.18	3.65	7.40	7.33	5.40B	8
9	3.20B	3.00B	5.50B	52.7	12.4	6.99	8.83	3.29	3.66	7.75	7.11	5.40B	9
10	3.20B	3.00B	5.40B	53.3	11.8	6.87	8.39	3.50	6.64	7.62	6.92	5.40B	10
11	3.20B	3.00B	5.30B	51.8	11.	6.79	7.99	3.50	9.96	7.35	6.90	5.40B	11
12	3.14B	3.00B	5.20B	48.5	11.3	6.80	7.64	3.22	10.0	7.06	6.72	5.40B	12
13	3.14B	3.00B	5.15B	44.1	11.2	6.62	7.64	3.47	9.00	6.78	6.58	5.40B	13
14	3.14B	3.00B	5.05B	41.9	11.1	6.50	7.66	3.24	8.20	6.63	6.49	5.40B	14
15	3.14B	3.00B	5.00B	42.3	10.8	6.72	7.07	3.07	7.39	6.61	6.42	5.36B	15
16	3.10B	3.00B	5.00B	41.7	10.6	6.76	6.64	2.86	6.61	6.66	6.31	5.30B	16
17	3.10B	3.00B	5.00B	39.9	10.3	6.68	6.37	2.65	6.15	6.57	6.27	5.30B	17
18	3.10B	3.05B	5.00B	38.0	9.87	6.54	6.09	2.57	5.79	7.60	6.32	5.20B	18
19	3.10B	3.20B	4.95B	35.3	9.52	6.46	5.75	2.48	5.54	9.78	6.32	5.20B	19
20	3.10B	3.40B	4.95B	32.7	9.14	6.26	5.54	2.33	5.38	10.6	6.28	5.10B	20
21	3.10B	3.70B	4.95B	29.9	8.87	6.12	5.41	2.24	5.13	10.9	6.23	5.00B	21
22	3.10B	4.00B	4.95B	27.4	8.56	6.54	5.17	2.19	4.92	10.8	6.10	5.00B	22
23	3.10B	4.50B	4.95B	25.4	8.29	7.20	5.05	2.18	4.75	10.6	5.90B	4.90B	23
24	3.10B	5.00B	4.95B	24.1	8.06	7.60	4.83	2.33	4.55	10.4	5.70B	4.80B	24
25	3.10B	5.80B	5.00B	22.9	8.17	9.00	4.57	2.21	4.51	10.2	5.40B	4.70B	25
26	3.10B	6.60B	5.10B	21.6	8.28	10.9	4.39	2.19	4.38	10.2	5.41	4.70B	26
27	3.10B	6.80B	5.30B	20.2	8.13	11.3	4.23	2.19	4.40	9.89	5.77	4.60B	27
28	3.10B	6.70B	5.50B	18.9	8.04	10.6	4.04	2.08	4.29	9.58	5.68	4.50B	28
29	3.10B		5.90B	18.2	7.81	10.4	3.87	2.05	4.10	9.34	5.40B	4.50B	29
30	3.10B		6.60B	17.6	7.64	10.4	3.69	2.20	3.89	8.97	5.30B	4.40B	30
31	3.10B		9.73A		7.34		3.52	2.26		8.68		4.40B	31
TOTAL	97.86	104.15	172.43	1 067.6	336.62	226.19	207.52	86.18	157.72	240.06	198.47	159.20	TOTAL
MEAN	3.16	3.72	5.56	35.6	10.9	7.54	6.69	2.78	5.26	7.74	6.62	5.14	MEAN
MAX	3.30	6.80	9.73	62.0	16.7	11.3	9.83	3.50	10.0	10.9	8.48	5.59	MAX
MIN	3.10	3.00	4.95	12.7	7.34	6.12	3.52	2.05	2.45	3.98	5.30	4.40	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.37
MAXIMUM DAILY, 62.0 ON APR 6
MINIMUM DAILY, 2.05 ON AUG 29
MAXIMUM INSTANTANEOUS,
64.6 AT 23:41 EST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 41 07 N
LONG 81 00 32 W
DRAINAGE AREA, 704 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 460	JUL	17 900
FEB	9 000	AUG	7 450
MAR	14 900	SEP	13 600
APR	92 200	OCT	20 700
MAY	29 100	NOV	17 100
JUN	19 500	DEC	13 800

TOTAL DISCHARGE, 264 000 dam³

REMARKS - DATA PRIOR TO 1980 CONTRIBUTED BY ONT. MINISTRY OF THE ENVIRONMENT AND FORMERLY PUBLISHED UNDER STA. NO. 02CF101

VEUVE RIVER NEAR VERNER - STATION NO. 02DD012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.80B	2.47B	37.3 B	94.4B	18.5	6.83	13.5	0.701	0.999	2.48	10.8	8.00B	1
2	2.78B	2.60B	30.5 B	122	16.1	5.99	11.3	0.700	1.04	4.49	9.43	9.00B	2
3	2.76B	2.65B	25.0 B	127	13.9	5.09	8.96	0.643	1.03	6.24	8.75	12.7 B	3
4	2.74B	2.65B	21.3 B	147	12.6	4.29	7.93	0.659	1.64	6.14	8.21	12.6 B	4
5	2.72B	2.65B	18.8 B	178	12.4	3.87	9.35	0.739	5.07	5.68	7.64	10.2 B	5
6	2.71B	2.64B	16.8 B	157	12.5	3.55	13.0	0.823	7.10	8.20	7.87	9.00B	6
7	2.70B	2.64B	15.7 B	111	13.7	3.01	11.2	0.943	7.14	24.7	8.74	7.70B	7
8	2.69B	2.63B	14.5 B	89.9	12.9	2.69	8.49	1.07	6.98	27.3	9.05	7.00B	8
9	2.68B	2.63B	13.0 B	107	10.7	2.87	6.51	1.96	7.94	21.8	8.73	6.30B	9
10	2.67B	2.63B	11.1 B	100	9.65	3.31	5.11	2.13	31.6	16.5	8.42	5.70B	10
11	2.66B	2.80B	10.2 B	80.9	9.95	4.28	4.20	1.67	36.1	13.5	8.32	5.30B	11
12	2.66B	2.95B	9.56B	60.6	20.7	4.56	3.42	1.52	30.4	11.7	8.06	5.00B	12
13	2.65B	3.30B	9.18B	42.1	21.2	4.10	3.11	1.60	23.7	10.4	8.08	4.80B	13
14	2.65B	3.45B	8.62B	46.7	18.3	3.61	2.72	2.05	19.7	9.51	8.21	4.70B	14
15	2.65B	3.55B	8.33B	55.5	16.5	4.03	2.69	2.10	16.5	9.13	8.52	4.60B	15
16	2.64B	3.70B	8.15B	45.4	16.2	7.16	2.29	1.72	13.4	10.4	8.54	4.50B	16
17	2.64B	3.95B	7.89B	33.3	15.6	7.67	1.81	1.45	9.79	11.2	9.71	4.40B	17
18	2.64B	4.98B	7.62B	25.4	13.7	6.38	1.45	1.25	7.29	25.5	11.6	4.30B	18
19	2.64B	7.96B	7.14B	21.4	11.9	5.15	1.33	1.09	5.40	48.2	11.6	4.20B	19
20	2.64B	12.5 B	6.77B	19.4	10.5	4.14	1.22	0.967	4.45	46.1	10.9	4.10B	20
21	2.64B	20.7 B	6.48B	18.5	10.4	3.49	1.42	0.876	3.94	41.6	10.2	4.15B	21
22	2.64B	24.2 B	6.37B	17.4	10.2	5.56	1.44	0.815	3.84	33.4	9.65	4.18B	22
23	2.64B	41.8 B	6.34B	16.0	9.37	10.9	1.32	0.766	3.75	26.4	8.66	4.10B	23
24	2.65B	65.5 B	6.74B	16.0	7.99	13.3	1.21	0.846	3.61	22.3	8.00B	4.00B	24
25	2.70B	65.9 B	8.85B	18.8	6.99	33.5	1.03	0.874	3.40	19.1	7.50B	3.95B	25
26	2.85B	59.1 B	11.9 B	18.4	7.52	35.2	0.880	0.786	2.88	16.8	7.30B	3.85B	26
27	2.60B	51.8 B	15.1 B	15.2	8.03	24.4	0.788	0.726	2.68	15.2	7.80B	3.80B	27
28	2.50B	45.2 B	19.6 B	12.7	7.91	16.6	0.741	0.673	2.67	13.9	8.40B	3.75B	28
29	2.40B		27.4 B	13.7	7.04	12.9	0.751	0.683	3.06	12.8	8.80B	3.70B	29
30	2.39B		52.0 B	19.5	7.08	13.4	0.749	0.789	2.73	12.3	8.30B	3.70B	30
31	2.39B		84.6 B		7.28		0.729	0.859		12.0		3.65B	31
TOTAL	82.12	449.53	532.84	1 830.2	377.31	261.83	130.648	34.478	269.829	544.97	265.79	176.93	TOTAL
MEAN	2.65	16.1	17.2	61.0	12.2	8.73	4.21	1.11	8.99	17.6	8.86	5.71	MEAN
MAX	2.85	65.9	84.6	178	21.2	35.2	13.5	2.13	36.1	48.2	11.6	12.7	MAX
MIN	2.39	2.47	6.34	12.7	6.99	2.69	0.729	0.643	0.999	2.48	7.30	3.65	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.6
MAXIMUM DAILY, 178 ON APR 5
MINIMUM DAILY, 0.643 ON AUG 3
MAXIMUM INSTANTANEOUS,
182 AT 16:54 EST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 24 07 N
LONG 80 06 00 W
DRAINAGE AREA, 741 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 100	JUL	11 300
FEB	38 800	AUG	2 980
MAR	46 000	SEP	23 300
APR	158 000	OCT	47 100
MAY	32 600	NOV	23 000
JUN	22 600	DEC	15 300

TOTAL DISCHARGE, 428 000 dam³

WABIGOON RIVER AT DRYDEN - STATION NO. 05QD016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.7	12.2	7.08	3.11	1.70	2.27	11.3	11.9	5.95	2.97	6.37	1.42	1
2	12.7	12.0	6.94	3.54	1.70	2.27	12.2	12.5	6.37	2.97	6.37	1.42	2
3	12.7	7.36	6.94	3.54	1.70	2.12	12.2	12.5	6.37	2.97	6.37	1.42	3
4	11.9	6.65	6.94	3.54	1.70	2.12	12.2	11.9	6.37	2.97	6.37	1.42	4
5	11.8	7.65	6.94	3.54	1.70	2.12	11.9	11.6	5.95	2.97	6.51	1.42	5
6	12.2	7.36	6.94	3.11	1.70	2.12	11.6	11.6	6.51	2.97	6.23	1.42	6
7	12.7	8.50	7.08	1.70	1.70	2.12	11.8	11.5	6.51	2.97	6.37	1.42	7
8	12.0	6.80	6.94	1.70	1.70	2.12	11.8	11.5	6.51	2.97	1.42	1.42	8
9	11.6	6.51	6.94	2.27	1.70	2.12	11.8	11.8	6.51	2.97	1.42	1.42	9
10	11.0	7.08	6.94	2.27	1.70	2.12	11.6	11.2	6.65	2.97	1.42	1.42	10
11	12.0	7.08	7.08	2.27	1.70	2.12	11.3	11.9	6.37	2.97	1.42	1.42	11
12	11.6	7.08	6.94	2.27	1.70	2.78	11.3	11.6	6.37	2.97	1.42	1.42	12
13	12.2	6.94	6.51	2.27	1.70	2.27	11.6	11.9	6.37	2.97	1.42	1.42	13
14	12.0	6.94	6.80	2.27	1.70	2.27	11.3	11.6	6.51	2.97	1.42	1.42	14
15	12.2	7.08	6.94	2.27	1.70	9.91	11.3	11.6	3.11	2.37	1.42	1.42	15
16	12.2	7.08	6.94	1.56	1.70	10.3	11.3	11.0	2.97	2.97	1.42	1.42	16
17	12.0	4.25	6.51	1.56	1.70	10.1	11.3	11.0	2.97	2.97	1.42	1.42	17
18	11.9	7.08	6.94	1.56	1.70	9.34	11.3	10.9	2.97	2.97	1.42	1.42	18
19	11.8	7.08	6.80	1.56	1.70	10.2	11.9	10.6	2.97	2.97	1.42	1.42	19
20	12.0	7.08	6.94	3.82	1.70	9.91	11.9	10.9	2.97	2.97	1.42	1.42	20
21	12.0	7.08	6.94	3.68	1.70	4.11	11.3	10.8	2.97	2.97	1.42	1.42	21
22	11.9	7.08	6.80	1.56	1.70	8.92	11.3	10.6	2.97	2.97	1.42	1.42	22
23	12.0	7.08	6.80	1.56	1.70	10.2	12.0	10.8	2.97	2.97	1.42	1.42	23
24	12.0	7.08	6.80	1.56	1.70	11.6	12.0	12.0	2.97	2.97	1.42	1.42	24
25	12.2	7.08	6.94	1.56	8.64	11.8	12.0	11.3	2.97	2.97	1.42	1.42	25
26	12.5	7.08	6.94	1.56	7.08	11.9	12.0	11.5	2.97	2.97	1.42	1.42	26
27	12.5	6.94	6.94	1.70	2.12	11.8	11.9	12.0	2.97	2.97	1.42	1.42	27
28	12.5	6.94	6.94	1.70	2.12	8.78	11.9	12.0	2.97	2.97	1.42	1.42	28
29	13.0		6.94	1.70	2.41	12.0	10.6	12.0	2.97	6.37	1.42	1.42	29
30	12.5		6.94	1.70	2.12	11.8	11.9	11.9	2.97	6.37	1.42	1.42	30
31	13.0		6.23		2.12		11.9	12.0		6.37		1.42	31
TOTAL	376.8	206.16	213.29	68.01	67.41	193.61	361.7	357.9	136.98	102.27	77.25	44.02	TOTAL
MEAN	12.2	7.36	6.88	2.27	2.17	6.45	11.7	11.5	4.57	3.30	2.58	1.42	MEAN
MAX	13.0	12.2	7.08	3.82	8.64	12.0	12.2	12.5	6.65	6.37	6.51	1.42	MAX
MIN	11.0	4.25	6.23	1.56	1.70	2.12	10.6	10.6	2.97	2.97	1.42	1.42	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.04
MAXIMUM DAILY, 13.0 ON JAN 29
MINIMUM DAILY, 1.42 ON NOV 8

DATA CONTRIBUTED BY -
REED PAPER COMPANY

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 49 45 N
LONG 92 52 15 W
DRAINAGE AREA, 2 300 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	32 600	JUL	31 300
FEB	17 800	AUG	30 900
MAR	18 400	SEP	11 800
APR	5 880	OCT	8 840
MAY	5 820	NOV	6 670
JUN	16 700	DEC	3 800

TOTAL DISCHARGE, 191 000 dam³

WABIGOON RIVER NEAR QUIBELL - STATION NO. 05QD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.9	24.7	20.4	22.8	14.9	9.00	107	21.2	18.6	15.0	25.0	19.6	1
2	24.6	24.7	20.6	22.3	14.3	8.57	99.1	21.0	17.3	17.2	25.5	19.0	2
3	24.3	25.0	20.8	21.7	13.5	8.24	91.2	20.8	14.5	19.6	25.5	18.9	3
4	24.8	23.2	20.8	21.0	12.8	8.19	90.9	20.9	13.0	20.9	25.4	19.0	4
5	25.1	21.4	20.3	19.4	12.6	8.21	87.1	20.7	12.6	22.7	24.6	18.7	5
6	24.9	20.5	20.1	18.9	12.2	9.12	80.1	20.8	13.6	23.8	24.7	18.7	6
7	24.9	20.2	20.2	18.2	11.6	9.84	69.9	21.2	22.1	24.0	24.8	18.7	7
8	24.9	20.6	20.3	16.2	10.9	11.2	58.9	21.4	28.0	23.0	24.2	18.5	8
9	25.1	20.7	20.7	14.3	10.2	13.0	49.2	21.0	27.1	22.1	22.5	18.6	9
10	24.9	20.3	20.9	13.0	10.2	13.5	42.7	20.9	25.1	21.0	20.9	18.3	10
11	25.1	20.0	20.9	12.4	10.2	13.0	38.3	21.9	24.0	20.1	19.8	18.6	11
12	25.1	20.4	20.7	12.6	10.3	12.5	35.8	21.8	22.3	19.7	19.2	18.6	12
13	25.4	20.9	20.5	12.1	10.1	11.8	33.8	20.9	20.6	19.5	19.1	18.4	13
14	25.2	21.1	19.8	11.8	9.36	11.9	31.5	19.9	19.2	18.6	18.8	18.4	14
15	25.2	21.6	19.9	11.5	8.81	23.3	29.8	19.1	18.0	18.0	18.6	18.5	15
16	25.0	22.0	20.4	10.8	8.47	31.5	28.3	19.2	16.2	17.9	19.6	18.2	16
17	25.1	21.9	20.3	10.2	8.09	35.0	27.8	19.3	14.0	17.7	19.9	17.8	17
18	25.4	21.9	19.9	9.35	7.82	35.1	27.2	19.9	13.8	16.8	19.9	17.7	18
19	25.3	21.9	19.8	9.66	7.51	34.1	26.9	19.6	12.6	17.2	20.1	17.9	19
20	25.1	21.8	19.9	9.47	7.03	32.4	26.1	19.2	11.3	16.9	19.6	18.1	20
21	25.1	21.7	20.2	13.6	6.78	30.3	26.0	19.3	11.1	16.3	19.1	18.1	21
22	24.9	21.6	19.9	14.8	6.87	25.4	30.5	19.1	11.0	16.3	18.8	18.0	22
23	25.0	21.5	19.2	13.6	7.09	22.6	32.6	18.9	11.1	15.9	18.4	18.0	23
24	25.5	21.4	18.5	17.8	7.13	25.3	28.8	18.8	11.3	15.4	18.5	17.8	24
25	25.3	21.1	19.8	21.2	7.44	29.2	25.1	18.2	11.4	15.4	18.3	17.6	25
26	25.3	21.2	21.2	21.2	10.1	32.7	23.1	18.7	11.8	15.3	18.9	16.6	26
27	25.4	21.1	22.0	20.6	13.7	36.2	22.4	18.2	12.7	15.2	19.3	16.6	27
28	24.8	21.1	23.5	19.6	12.4	58.5	22.0	17.6	14.1	15.0	19.3	16.9	28
29	24.8		24.8	18.0	10.6	91.1	21.4	18.6	15.1	15.4	19.4	17.0	29
30	24.9		24.9	16.5	9.78	106	21.0	18.6	14.2	19.5	19.3	17.5	30
31	24.8		24.5		9.29		21.7	18.7		23.3		17.7	31
TOTAL	776.1	605.5	645.7	474.58	312.07	796.77	1 356.2	615.4	487.7	574.7	627.0	562.0	TOTAL
MEAN	25.0	21.6	20.8	15.8	10.1	26.6	43.7	19.9	16.3	18.5	20.9	18.1	MEAN
MAX	25.5	25.0	24.9	22.8	14.9	106	107	21.9	28.0	24.0	25.5	19.6	MAX
MIN	24.3	20.0	18.5	9.35	6.78	8.19	21.0	17.6	11.0	15.0	18.3	16.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.5
MAXIMUM DAILY, 107 ON JUL 1
MINIMUM DAILY, 6.78 ON MAY 21
MAXIMUM INSTANTANEOUS,
110 AT 01:37 CST ON JUL 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 57 20 N
LONG 93 23 50 W
DRAINAGE AREA, 6 370 km²

REGULATED SINCE 1914

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	67 100	JUL	117 000
FEB	52 300	AUG	53 200
MAR	55 800	SEP	42 100
APR	41 000	OCT	49 700
MAY	27 000	NOV	54 200
JUN	68 800	DEC	48 600

TOTAL DISCHARGE, 677 000 dam³

WABOOSE LAKE RESERVOIR AT WABOOSE DAM - STATION NO. 04GB002

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	325.300E	325.220	325.080	324.980	325.100	325.560	325.640	325.460	325.260	324.970	324.720	324.650	1
2	325.300E	325.220	325.080	324.980	325.090	325.560	325.640	325.430	325.260	324.960	324.710	324.660	2
3	325.300E	325.220	325.080	324.970	325.110	325.570	325.640	325.420	325.280	324.950	324.690	324.660	3
4	325.300E	325.220	325.070	324.960	325.130	325.600	325.640	325.400	325.280	324.930	324.670	324.660	4
5	325.300E	325.210	325.070	324.970	325.140	325.600	325.640	325.390	325.290	324.930	324.680	324.660	5
6	325.300E	325.210	325.070	324.960	325.140	325.590	325.640	325.390	325.310	324.930	324.660	324.660	6
7	325.300	325.210	325.060	324.980	325.150	325.620	325.640	325.380	325.360	324.910	324.650	324.660	7
8	325.300	325.210	325.050	325.030	325.160	325.620	325.640	325.380	325.380	324.890	324.670	324.660	8
9	325.300	325.200	325.040	325.020	325.180	325.630	325.660	325.480	325.380	324.870	324.650	324.660	9
10	325.300	325.200	325.030	325.020	325.200	325.640	325.640	325.370	325.380	324.860	324.640	324.660	10
11	325.300	325.200	325.020	325.010	325.220	325.630	325.620	325.360	325.380	324.860	324.630	324.660	11
12	325.300	325.190	325.010	325.000	325.230	325.620	325.610	325.350	325.370	324.830	324.630	324.660	12
13	325.300	325.190	325.010	324.980	325.250	325.610	325.600	325.320	325.350	324.840	324.650	324.660	13
14	325.300	325.190	325.010	324.970	325.270	325.630	325.590	325.340	325.330	324.840	324.670	324.660	14
15	325.300	325.190	325.000	325.000	325.290	325.660	325.570	325.320	325.300	324.840	324.660	324.660	15
16	325.300	325.190	325.000	325.020	325.300	325.630	325.570	325.300	325.270	324.820	324.660	324.660	16
17	325.290	325.180	325.000	325.050	325.320	325.690	325.560	325.290	325.240	324.810	324.690	324.660	17
18	325.290	325.170	325.010	325.030	325.340	325.680	325.560	325.280	325.230	324.870	324.650	324.660	18
19	325.290	325.180	325.010	325.030	325.350	325.650	325.560	325.280	325.210	324.840	324.620	324.660	19
20	325.280	325.160	325.000	325.010	325.370	325.650	325.540	325.270	325.180	324.810	324.610	324.660	20
21	325.280	325.140	325.000	324.990	325.380	325.650	325.520	325.260	325.150	324.790	324.620	324.660	21
22	325.270	325.140	324.990	324.980	325.400	325.640	325.520	325.250	325.120	324.770	324.620	324.670	22
23	325.260	325.140	324.980	324.980	325.410	325.620	325.510	325.230	325.110	324.760	324.610	324.670	23
24	325.240	325.130	324.960	324.990	325.410	325.620	325.500	325.210	325.100	324.740	324.610	324.670	24
25	325.240	325.120	324.950	325.010	325.450	325.620	325.520	325.210	325.070	324.750	324.620	324.670	25
26	325.230	325.100	324.950	325.050	325.460	325.620	325.510	325.200	325.050	324.730	324.630	324.670	26
27	325.230	325.100	324.940	325.090	325.480	325.630	325.480	325.200	325.090	324.740	324.640	324.670	27
28	325.230	325.090	324.940	325.110	325.490	325.640	325.470	325.200	325.070	324.720	324.650	324.670	28
29	325.230		324.940	325.110	325.520	325.640	325.470	325.200	325.020	324.720	324.650	324.670	29
30	325.220		324.930	325.100	325.560	325.640E	325.460	325.200	324.990	324.750	324.650	324.670	30
31	325.210		324.930		325.560		325.450	325.220		324.730		324.670	31
MEAN	325.277	325.176	325.007	325.013	325.305	325.625	325.568	325.309	325.227	324.831	324.650	324.663	MEAN
MAX	325.300	325.220	325.080	325.110	325.560	325.690	325.660	325.480	325.380	324.970	324.720	324.670	MAX
MIN	325.210	325.090	324.930	324.960	325.090	325.560	325.450	325.200	324.990	324.720	324.610	324.650	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 325.137
MAXIMUM DAILY, 325.690 ON JUN 17
MINIMUM DAILY, 324.610 ON NOV 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 20 N
LONG 87 59 40 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WANAPITEI LAKE AT BOWLANDS BAY - STATION NO. 02DA002

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	266.791	266.243	265.847	265.389	267.310	267.523	267.675	267.492	267.492	267.584	267.523	267.310	1
2	266.791	266.212	265.847	265.481	267.310	267.553	267.645	267.492	267.492	267.584	267.492	267.310	2
3	266.761	266.212	265.847	265.542	267.340	267.553	267.645	267.462	267.523	267.614	267.492	267.310	3
4	266.730	266.182	265.847	265.664	267.371	267.553	267.614	267.492	267.523	267.584	267.492	267.279	4
5	266.700	266.182	265.847	265.755	267.340	267.553	267.614	267.492	267.553	267.584	267.492	267.279	5
6	266.700	266.151	265.816	265.877	267.371	267.553	267.614	267.492	267.553	267.584	267.492	267.279	6
7	266.700	266.121	265.816	265.999	267.371	267.584	267.614	267.492	267.523	267.645	267.492	267.279	7
8	266.669	266.121	265.816	265.816	267.371	267.584	267.584	267.492	267.523	267.645	267.492	267.249	8
9	266.639	266.090	265.786	265.907	267.401	267.584	267.584	267.492	267.523	267.645	267.492	267.249	9
10	266.609	266.090	265.786	266.029	267.431	267.614	267.584	267.492	267.584	267.645	267.462	267.249	10
11	266.609	266.060	265.755	266.426	267.401	267.614	267.553	267.523	267.584	267.645	267.462	267.218	11
12	266.609	266.060	265.755	266.517	267.401	267.614	267.553	267.523	267.614	267.645	267.462	267.188	12
13	266.578	266.029	265.755	266.609	267.431	267.614	267.553	267.553	267.614	267.675	267.431	267.188	13
14	266.548	266.029	265.755	266.517	267.431	267.614	267.553	267.523	267.645	267.645	267.431	267.157	14
15	266.548	265.999	265.725	266.791	267.431	267.614	267.523	267.523	267.645	267.675	267.431	267.157	15
16	266.517	265.968	265.725	266.883	267.462	267.645	267.523	267.523	267.645	267.675	267.431	267.157	16
17	266.487	265.968	265.694	266.944	267.462	267.645	267.523	267.523	267.645	267.645	267.431	267.157	17
18	266.487	265.938	265.664	267.035	267.462	267.645	267.523	267.492	267.645	267.645	267.431	267.127	18
19	266.456	265.968	265.664	267.066	267.462	267.614	267.492	267.523	267.645	267.675	267.401	267.127	19
20	266.456	265.938	265.603	267.035	267.462	267.645	267.492	267.492	267.645	267.645	267.401	267.127	20
21	266.456	265.907	265.572	267.035	267.492	267.645	267.523	267.492	267.614	267.645	267.401	267.127	21
22	266.426	265.907	265.572	267.096	267.523	267.645	267.492	267.492	267.645	267.645	267.401	267.096	22
23	266.426	265.907	265.542	267.127	267.523	267.645	267.492	267.492	267.645	267.614	267.371	267.096	23
24	266.395	265.877	265.511	267.188	267.523	267.645	267.492	267.523	267.614	267.614	267.371	267.066	24
25	266.365	265.877	265.481	267.218	267.523	267.675	267.492	267.492	267.614	267.614	267.371	267.066	25
26	266.365	265.877	265.481	267.218	267.523	267.675	267.492	267.492	267.614	267.614	267.340	267.035	26
27	266.334	265.877	265.450	267.249	267.523	267.675	267.492	267.492	267.645	267.584	267.340	267.035	27
28	266.304	265.877	265.450	267.279	267.523	267.675	267.462	267.492	267.614	267.584	267.340	267.035	28
29	266.273		265.389	267.310	267.523	267.675	267.462	267.492	267.614	267.553	267.310	267.005	29
30	266.273		265.420	267.340	267.553	267.675	267.492	267.492	267.614	267.553	267.310	266.974	30
31	266.243		265.389		267.523		267.492	267.492		267.553		266.974	31
MEAN	266.524	266.024	265.665	266.578	267.444	267.618	267.543	267.501	267.595	267.621	267.426	267.158	MEAN
MAX	266.791	266.243	265.847	267.340	267.553	267.675	267.675	267.553	267.645	267.675	267.523	267.310	MAX
MIN	266.243	265.877	265.389	265.389	267.310	267.523	267.462	267.462	267.492	267.553	267.310	266.974	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 267.064
MAXIMUM DAILY, 267.675 ON JUN 25
MINIMUM DAILY, 265.389 ON MAR 29

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 39 22 N
LONG 80 46 03 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED SINCE 1933

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WANAPITEI RIVER NEAR WANUP - STATION NO. 02DB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	40.4	40.6	56.8	59.9	49.6	21.9	74.5	6.91	8.95	15.0	50.2	30.3	1
2	40.4	40.7	51.3	59.6	50.6	21.5	72.0	4.78	10.2	16.4	47.8	31.9	2
3	40.3	40.9	47.8	58.3	50.2	21.1	65.1	4.55	9.00	11.5	40.6	37.3	3
4	40.4	41.7	45.6	68.8	49.5	21.2	50.7	4.77	14.8	11.0	38.0	36.8	4
5	40.3	41.3	43.8	73.3	49.3	21.6	47.5	4.74	24.2	13.3	27.9	35.9	5
6	40.5	40.6	42.2	56.5	49.7	21.9	50.2	5.29	20.8	17.8	30.9	35.7	6
7	44.8	40.8	41.1	41.3	45.7	21.9	48.5	5.54	15.0	31.3	37.7	35.6	7
8	43.9	40.9	40.5	38.5	43.2	24.1	43.5	5.68	14.7	31.4	32.2	35.6	8
9	44.3	40.2	40.1	57.2	40.8	28.1	40.6	5.73	14.6	35.5	30.6	35.3	9
10	44.6	40.7	39.4	46.6	40.3	27.1	42.1	6.09	43.2	31.8	31.0	34.7	10
11	44.0	42.4	39.1	39.4	40.4	28.3	41.9	5.90	40.3	30.4	32.6	38.0	11
12	42.8	41.0	39.5	33.8	41.5	33.2	41.7	5.93	31.6	27.2	32.5	32.8	12
13	41.2	40.6	42.0	24.7	41.9	32.7	39.9	9.80	29.2	24.7	32.4	30.9	13
14	40.9	42.0	41.3	33.9	37.0	32.9	27.7	11.8	33.3	29.7	32.0	32.1	14
15	40.7	42.1	41.4	47.3	35.7	33.6	26.9	11.7	24.4	30.0	29.3	32.2	15
16	40.6	42.0	43.0	53.7	35.1	34.9	26.3	10.2	20.2	31.3	29.3	31.9	16
17	40.0	42.2	48.3	69.0	34.4	37.1	26.1	6.72	18.7	39.6	29.5	32.2	17
18	40.0	42.4	50.8	65.2	33.9	37.4	26.0	5.98	17.1	48.5	29.8	32.3	18
19	40.2	44.2	52.0	63.0	33.5	37.0	25.9	5.91	13.0	61.0	31.0	31.5	19
20	40.6	46.5	52.1	64.6	34.9	36.8	22.9	5.90	12.4	69.9	36.5	28.9	20
21	38.9	53.6	52.3	65.3	34.5	36.8	16.2	6.95	15.8	77.6	36.2	27.1	21
22	40.1	57.5	53.4	48.6	30.4	37.1	14.5	11.0	16.8	71.4	32.1	31.8	22
23	40.3	75.6	57.3	36.4	34.3	36.3	12.3	11.4	17.8	65.3	32.3	33.4	23
24	40.3	112	61.2	44.9	33.4	37.6	9.14	9.29	16.4	62.6	33.2	36.0	24
25	40.3	93.0	68.5	50.3	30.8	42.5	6.62	12.8	15.3	61.1	33.0	36.1	25
26	40.3	77.7	72.7	51.1	35.5	44.7	6.24	12.9	14.5	60.2	32.9	36.0	26
27	40.3	67.2	71.1	47.1	35.8	48.6	6.65	9.94	14.7	58.8	32.5	35.9	27
28	40.3	63.9	69.7	45.6	33.1	47.6	8.60	9.11	14.4	56.4	33.7	35.8	28
29	40.1		72.5	48.2	25.1	48.0	9.13	8.61	14.1	53.6	33.2	35.3	29
30	40.2		84.1	50.0	21.8	55.4	8.89	8.73	14.7	51.3	31.3	34.0	30
31	40.2		83.1		22.0		9.38	8.80		52.0		32.8	31
TOTAL	1 272.2	1 434.3	1 644.0	1 538.1	1 173.9	1 008.9	947.65	243.45	570.15	1 277.6	1 012.2	1 046.1	TOTAL
MEAN	41.0	51.2	53.0	51.3	37.9	33.6	30.6	7.85	19.0	41.2	33.7	33.7	MEAN
MAX	44.8	112	84.1	73.3	50.6	55.4	74.5	12.9	43.2	77.6	50.2	38.0	MAX
MIN	38.9	40.2	39.1	24.7	21.8	21.1	6.24	4.55	8.95	11.0	27.9	27.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 36.1
MAXIMUM DAILY, 112 ON FEB 24
MINIMUM DAILY, 4.55 ON AUG 3
MAXIMUM INSTANTANEOUS,
116 AT 08:45 EST ON FEB 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 20 40 N
LONG 80 50 24 W
DRAINAGE AREA, 3 130 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	110 000	JUL	81 900
FEB	124 000	AUG	21 000
MAR	142 000	SEP	49 300
APR	133 000	OCT	110 000
MAY	101 000	NOV	87 500
JUN	87 200	DEC	90 400

TOTAL DISCHARGE, 1 140 000 dam³

WATABEAG RIVER AT WATABEAG LAKE DAM - STATION NO. 04MB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.84	1.42	8.35	0	0	0	3.26	0	0	0.283	5.38	2.97	1
2	1.84	1.27	8.35	0	0	0	2.97	0	0	0.283	5.38	2.97	2
3	1.84	1.27	10.6	0	0	0	3.96	0	0	0.283	5.38	2.97	3
4	1.84	1.27	14.2	0	0	0	5.38	0	0	0.283	5.38	2.97	4
5	1.70	1.27	14.2	0	0	0	5.10	0	0	0.283	5.38	2.97	5
6	1.70	1.27	14.2	0	0	0	5.10	0	0	1.10	5.10	2.97	6
7	1.70	1.27	13.7	0	0	0	4.81	0	0	1.70	5.10	2.69	7
8	1.70	1.27	13.7	0	0	0	4.81	0	0	1.84	4.81	2.69	8
9	1.70	1.13	13.7	0	0	0	4.39	0	0.368	1.84	4.81	2.69	9
10	1.70	1.13	13.7	0	0	0	4.39	0	0.566	1.84	4.81	2.69	10
11	1.42	1.13	13.3	0	0	0	4.11	0	0.425	1.84	4.39	2.69	11
12	1.42	1.13	13.3	0	0	0	4.11	0	0.425	2.12	4.39	2.69	12
13	1.42	3.94	13.3	0	0	0	3.82	0	0.425	2.12	4.11	2.69	13
14	1.42	8.35	13.3	0	0	0	3.82	0	0.425	3.17	4.11	2.41	14
15	1.42	8.35	12.9	0	0	0	3.54	0	0.283	4.39	3.82	2.41	15
16	1.42	7.93	12.9	0	0	0.368	1.78	0	0.283	4.39	3.82	2.41	16
17	1.42	7.50	12.2	0	0	0.850	0	0	0.283	4.39	3.54	2.41	17
18	1.42	7.22	11.3	0	0	0.850	0	0	0.283	4.39	3.54	2.41	18
19	1.42	6.51	10.2	0	0	0.850	0	0	0.283	4.11	3.54	2.41	19
20	1.42	6.09	9.49	0	0	0.850	0	0	0.283	4.11	3.54	2.41	20
21	1.42	5.80	8.78	0	0	1.13	0	0	0.142	4.11	3.54	2.12	21
22	1.42	5.38	8.07	0	0	1.13	0	0	0.142	4.11	3.26	2.12	22
23	1.42	5.10	7.08	0	0	1.13	0	0	0.142	5.41	3.26	2.12	23
24	1.42	7.14	3.71	0	0	1.13	0	0	0.142	6.80	3.26	2.12	24
25	1.42	9.49	0	0	0	1.27	0	0	0.142	6.51	3.26	2.12	25
26	1.42	9.20	0	0	0	1.27	0	0	0.142	6.51	3.26	2.12	26
27	1.42	9.20	0	0	0	1.27	0	0	0.142	6.09	2.97	2.12	27
28	1.42	8.78	0	0	0	1.27	0	0	0.283	6.09	2.97	1.84	28
29	1.42		0	0	0	1.27	0	0	0.283	5.80	2.97	1.84	29
30	1.42		0	0	0	2.44	0	0	0.283	5.80	2.97	1.84	30
31	1.42		0		0		0	0		5.38		1.84	31
TOTAL	47.38	130.81	274.53	0	0	17.078	65.35	0	6.175	107.375	122.05	75.72	TOTAL
MEAN	1.53	4.67	8.86	0	0	0.569	2.11	0	0.206	3.46	4.07	2.44	MEAN
MAX	1.84	9.49	14.2	0	0	2.44	5.38	0	0.566	6.80	5.38	2.97	MAX
MIN	1.42	1.13	0	0	0	0	0	0	0	0.283	2.97	1.84	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.32
MAXIMUM DAILY, 14.2 ON MAR 4
MINIMUM DAILY, 0 ON MAR 25

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 17 34 N
LONG 80 32 43 W
DRAINAGE AREA, 238 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 090	JUL	5 650
FEB	11 300	AUG	0
MAR	23 700	SEP	534
APR	0	OCT	9 280
MAY	0	NOV	10 500
JUN	1 480	DEC	6 540

TOTAL DISCHARGE, 73 100 dam³

WAUBUNO CREEK NEAR DORCHESTER - STATION NO. 02GD020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.235B	0.145B	3.47	1.78	1.75	0.283	0.206	0.099	0.238	0.750	0.961	0.907	1
2	0.228B	0.160B	2.36	1.34	1.26	0.251	0.183	0.072	0.348	1.69	0.842	1.80	2
3	0.220B	0.185B	1.60 B	1.04	0.975	0.261	0.162	0.086	0.459	1.13	0.746	1.70	3
4	0.212B	0.205B	1.40 B	0.899	0.813	0.306	0.174	0.104	2.33	0.814	0.667	1.29	4
5	0.205B	0.205B	1.19	0.789	0.707	0.318	0.215	0.117	2.50	0.654	0.623	1.03	5
6	0.200B	0.200B	1.05	0.662	0.635	0.255	0.183	0.094	1.22	0.822	0.706	0.885	6
7	0.190B	0.190B	0.938	0.579	0.563	0.213	0.141	0.065	0.787	2.16	0.862	0.826	7
8	0.180B	0.155B	0.855	0.533	0.516	0.233	0.106	0.075	0.551	1.64	0.755	0.812	8
9	0.175B	0.150B	0.922	0.509	0.487	0.268	0.091	0.072	0.427	1.14	0.646	0.730B	9
10	0.165B	0.145B	1.04	0.459	0.514	0.234	0.074	0.106	0.330	0.849	0.571	0.690B	10
11	0.160B	0.171B	1.15	0.470	0.713	0.210	0.051	0.106	0.269	0.677	0.533	0.620B	11
12	0.155B	0.900B	1.11	0.511	0.928	0.180	0.047	0.095	0.225	0.555	0.485	0.560B	12
13	0.145B	2.10 B	1.30	0.482	0.815	0.174	0.046	0.078	0.173	0.478	0.445	0.500B	13
14	0.140B	1.80 B	1.00 B	1.53	0.701	0.226	0.027	0.064	0.200	0.410	0.422	0.488B	14
15	0.135B	1.45 B	0.850B	2.28	0.692	0.240	0.023	0.105	0.597	0.381	0.416	0.405B	15
16	0.130B	1.35 B	0.760B	1.39	0.912	0.235	0.014	0.106	0.300	0.370	0.407	0.370B	16
17	0.125B	4.50 B	0.680B	1.47	0.940	0.222	0.002	0.093	0.247	0.324	0.408	0.350B	17
18	0.120B	9.00 B	0.640B	2.08	0.736	0.180	0.004	0.067	0.275	0.556	0.413	0.340B	18
19	0.120B	20.0 B	0.605B	1.52	0.626	0.158	0.036	0.042	0.298	1.20	0.409	0.332B	19
20	0.118B	16.8	0.580B	1.17	0.548	0.152	0.106	0.028	0.276	1.52	0.852	0.325B	20
21	0.117B	18.6	0.570B	0.894	0.481	1.34	0.116	0.016	0.284	1.12	2.33	0.320B	21
22	0.117B	13.4	0.560B	0.767	0.436	2.37	0.082	0.014	1.06	2.01	1.80	0.400B	22
23	0.117B	19.7	0.633	1.62	0.391	1.90	0.050	0.014	1.23	5.72	1.29	0.500B	23
24	0.117B	13.8	0.665	3.08	0.369	0.977	0.028	0.007	0.787	3.46	1.00	0.640B	24
25	0.117B	5.94	0.659	2.52	0.371	0.682	0.020	0.005	0.560	2.29	0.802	0.560B	25
26	0.117B	3.61	0.707	1.71	0.374	0.482	0.026	0.004	0.479	1.87	0.723	0.500B	26
27	0.135B	2.69	0.986	1.31	0.414	0.364	0.027	0.006	0.436	1.89	1.25	0.460B	27
28	0.160B	3.49	1.08	1.81	0.444	0.295	0.133	0.027	0.353	2.29	1.39	0.430B	28
29	0.165B		1.06	4.10	0.400	0.243	0.362	0.027	0.305	1.79	1.08	0.405B	29
30	0.150B		1.33	2.62	0.368	0.218	0.245	0.143	0.277	1.36	0.905	0.400B	30
31	0.140B		2.22		0.331		0.150	0.299		1.10		0.395B	31
TOTAL	4.810	141.041	33.970	41.924	20.210	13.470	3.130	2.236	17.821	43.020	24.739	19.970	TOTAL
MEAN	0.155	5.04	1.10	1.40	0.652	0.449	0.101	0.072	0.594	1.39	0.825	0.644	MEAN
MAX	0.235	20.0	3.47	4.10	1.75	2.37	0.362	0.299	2.50	5.72	2.33	1.80	MAX
MIN	0.117	0.145	0.560	0.459	0.331	0.152	0.002	0.004	0.173	0.324	0.407	0.320	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.00
MAXIMUM DAILY, 20.0B ON FEB 19
MINIMUM DAILY, 0.002 ON JUL 17
MAXIMUM INSTANTANEOUS,
26.0 AT 20:30 EST ON FEB 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 59 40 N
LONG 81 07 00 W
DRAINAGE AREA, 108 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	416	JUL	270
FEB	12 200	AUG	193
MAR	2 940	SEP	1 540
APR	3 620	OCT	3 720
MAY	1 750	NOV	2 140
JUN	1 160	DEC	1 730

TOTAL DISCHARGE, 31 700 dam³

WELLAND RIVER BELOW CAISTOR CORNERS - STATION NO. 02HA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.056	0.215	4.20	1.46	1.93	0.102	0.147	1.56	0.071	0.797	2.10	1.08	1
2	0.055	0.870B	3.54	1.16	1.19	0.099	0.095	0.789	0.080	1.11	1.40	1.20	2
3	0.058	1.70 B	1.86	0.840	0.818	0.099	0.074	0.470	0.089	1.83	1.05	2.41	3
4	0.062	1.60	1.23	0.601	0.586	0.101	0.059	0.268	8.38	1.56	0.848	2.50	4
5	0.055	1.31	0.839	0.468	0.469	0.094	0.054	0.164	16.9	1.25	0.702	1.64	5
6	0.056	1.23	0.613	0.365	0.445	0.086	0.051	0.107	22.6	1.12	0.607	1.30	6
7	0.054	0.896	0.476	0.275	0.389	0.077	0.092	0.088	18.4	1.21	0.750	1.13	7
8	0.052	0.673	0.403	0.217	0.369	0.074	0.171	0.073	10.3	2.51	1.09	1.09	8
9	0.052	0.515	0.361	0.171	0.335	0.067	0.114	0.064	6.99	2.13	1.09	1.05B	9
10	0.051	0.382	0.327	0.139	0.299	0.063	0.079	0.684	5.56	1.41	0.915	1.03B	10
11	0.047	18.9	0.363	0.116	1.97	0.058	0.059	10.5	2.85	1.08	0.757	1.01B	11
12	0.045	29.1	0.419	0.104	4.32	0.059	0.050	8.60	1.59	0.939	0.678	1.00B	12
13	0.043	24.5	0.488	0.101	2.20	0.060	0.040	4.45	1.06	0.859	0.619	2.72	13
14	0.041	15.2	0.508	0.322	1.32	0.063	0.035	3.05	0.794	0.816	0.599	2.92	14
15	0.041	8.32	0.523	0.992	0.975	0.063	0.029	4.89	0.571	0.773	0.571	2.79	15
16	0.044	6.66	0.457	1.05	0.981	0.059	0.024	7.11	0.424	0.733	0.682	2.55B	16
17	0.048	25.0	0.393	1.05	1.07	0.053	0.023	6.53	0.376	0.720	0.894	2.30B	17
18	0.046	33.0 B	0.287	1.33	0.815	0.048	0.020	4.23	0.298	0.758	1.11	2.10B	18
19	0.048	31.5 B	0.226	1.53	0.550	0.043	0.026	2.34	0.222	0.850	1.22	2.25B	19
20	0.047	29.0 B	0.180	1.35	0.388	0.039	0.054	1.29	0.255	1.14	5.44	2.40B	20
21	0.047	25.5 B	0.159	0.942	0.251	0.047	0.086	0.824	0.325	1.21	17.8	2.55B	21
22	0.047	23.1	0.152	0.633	0.167	0.838	4.13	0.583	1.05	1.79	12.4	2.73	22
23	0.049	12.8	0.223	0.970	0.111	9.00	3.30	0.436	9.14	7.35	5.33	4.48	23
24	0.051	12.0	0.391	3.70	0.092	7.84	1.30	0.305	6.41	11.1	2.84	10.9	24
25	0.053	8.20	0.518	4.64	0.085	3.88	0.650	0.215	3.00	5.03	1.73	10.4	25
26	0.083	4.71	0.590	2.63	0.076	1.54	0.399	0.160	1.75	2.20	1.27	6.55	26
27	0.312	2.67	1.03	1.47	0.069	0.773	0.260	0.120	1.18	2.50	1.22	4.16	27
28	0.242	2.34	1.73	1.32	0.082	0.469	0.279	0.097	0.905	20.7	1.50	3.30	28
29	0.163		1.80	2.54	0.087	0.283	0.984	0.086	0.744	16.0	1.67	3.02	29
30	0.141		1.34	2.94	0.096	0.173	4.14	0.082	0.698	5.37	1.27	2.86	30
31	0.160		1.41		0.102		3.26	0.077		3.08		2.67	31
TOTAL	2.349	322.091	27.036	35.426	22.637	26.250	20.084	60.242	123.012	99.925	70.148	90.09	TOTAL
MEAN	0.076	11.5	0.872	1.18	0.730	0.875	0.648	1.94	4.10	3.22	2.34	2.91	MEAN
MAX	0.312	33.0	4.20	4.64	4.32	9.00	4.14	10.5	22.6	20.7	17.8	10.9	MAX
MIN	0.041	0.215	0.152	0.101	0.069	0.039	0.020	0.064	0.071	0.720	0.571	1.08	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.46
MAXIMUM DAILY, 33.0B ON FEB 18
MINIMUM DAILY, 0.020 ON JUL 18
MAXIMUM INSTANTANEOUS,
36.9 AT 23:30 EST ON FEB 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 01 30 N
LONG 79 37 00 W
DRAINAGE AREA, 230 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	203	JUL	1 740
FEB	27 800	AUG	5 200
MAR	2 340	SEP	10 600
APR	3 060	OCT	8 630
MAY	1 960	NOV	6 060
JUN	2 270	DEC	7 780

TOTAL DISCHARGE, 77 600 dam³

REMARKS - STATION FORMERLY CALLED "WELLAND RIVER AT MERRITTS CHURCH"

WEST BRANCH SCOTCH RIVER NEAR ST. ISIDORE DE PRESCOTT - STATION NO. 02LB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.217B	0.186B	3.13	2.78	1.36	0.754	0.356	0.057	0.114	0.849	1.69	1.07 B	1
2	0.212B	0.205B	3.04	4.31	0.958	0.462	0.388	0.037	0.112	0.791	1.51	1.05	2
3	0.206B	0.213B	2.03 B	2.42	0.741	0.382	0.293	0.034	0.173	0.768	1.31	1.23	3
4	0.200B	0.209B	1.81 B	2.88	0.583	8.24	0.240	0.037	0.185	0.715	1.13	1.33	4
5	0.187B	0.203B	1.38 B	3.22	0.509	4.91	0.365	2.99	0.142	0.562	0.987	1.25	5
6	0.182B	0.198B	1.13 B	2.11	0.483	2.87	0.309	2.86	0.127	0.590	1.42	0.934B	6
7	0.177B	0.180B	0.848	1.42	0.435	3.00	0.208	1.15	0.114	1.33	2.45	0.594B	7
8	0.172B	0.168B	0.974	1.12	0.367	1.97	0.141	0.627	0.116	1.57	2.24	0.545B	8
9	0.167B	0.163B	1.11	1.18	0.313	2.43	0.156	0.462	0.424	1.13	3.08	0.481B	9
10	0.162B	0.160B	1.15	1.38	0.309	2.03	1.04	2.38	1.02	0.810	2.22	0.475	10
11	0.157B	1.70 B	1.10	1.09	0.753	1.26	0.506	3.98	3.05	0.645	1.68	0.475B	11
12	0.155B	9.90 B	0.912B	0.888	4.67	0.910	0.232	7.54	1.66	0.539	1.49 B	0.440B	12
13	0.151B	8.90 B	0.892B	0.693	4.90	1.60	0.158	2.07	1.09	0.494	1.10 B	0.422B	13
14	0.149B	8.40 B	0.787B	0.910	2.49	1.10	0.187	1.01	0.698	0.454	0.997	0.425	14
15	0.147B	7.85 B	0.715B	1.37	1.77	0.896	0.289	1.89	0.477	0.406	1.04	0.475	15
16	0.145B	7.40 B	0.638B	1.02	2.61	0.992	0.178	9.20	0.354	0.392	1.04	0.496	16
17	0.143B	10.1 B	0.552B	0.899	2.41	1.93	0.111	7.24	0.287	0.354	1.14	0.354	17
18	0.142B	18.5 B	0.494B	1.08	1.51	1.38	0.094	2.85	0.270	0.400	2.01	0.434B	18
19	0.141B	19.5 B	0.477	1.08	1.06	0.732	0.096	1.46	0.247	0.584	4.18	0.273B	19
20	0.140B	30.0 B	0.392	0.883	0.763	0.567	0.126	0.906	0.243	0.542	3.36	0.178B	20
21	0.139B	36.5 B	0.378	0.813	0.553	0.551	1.25	0.581	0.200	0.480	5.99	0.174B	21
22	0.138B	18.0 B	0.536	0.700	0.474	8.57	1.07	0.373	0.209	0.576	4.70	0.170B	22
23	0.137B	9.70 B	0.581	0.618	0.387	8.97	0.454	0.287	1.57	3.67	2.82	0.165B	23
24	0.136B	13.0 B	0.712	1.05	0.308	2.32	0.250	0.238	5.26	3.34	1.88 B	0.160B	24
25	0.140B	11.2 B	0.813	1.79	0.280	1.43	0.151	0.206	2.43	1.90	1.43 B	0.155B	25
26	0.180B	5.64	0.810	1.52	0.275	1.18	0.106	0.152	1.46	2.88	1.05 B	0.150B	26
27	0.207B	3.22	0.970	1.07	0.253	1.03	0.085	0.119	3.37	7.73	1.46	0.146B	27
28	0.201B	2.39	0.964	0.778	1.20	0.713	0.074	0.107	3.01	14.4	3.14	0.143B	28
29	0.188B		0.860	1.81	2.33	0.467	0.084	0.097	1.74	4.16	2.05 B	0.140B	29
30	0.180B		1.63	2.35	1.56	0.356	0.110	0.091	1.13	2.66	1.31 B	0.137B	30
31	0.175B		3.69		1.29		0.094	0.103		2.02		0.135B	31
TOTAL	5.173	223.785	35.505	45.232	37.904	64.002	9.201	51.134	31.282	57.741	61.904	14.606	TOTAL
MEAN	0.167	7.99	1.15	1.51	1.22	2.13	0.297	1.65	1.04	1.86	2.06	0.471	MEAN
MAX	0.217	36.5	3.69	4.31	4.90	8.97	1.25	9.20	5.26	14.4	5.99	1.33	MAX
MIN	0.136	0.160	0.378	0.618	0.253	0.356	0.074	0.034	0.112	0.354	0.987	0.135	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.75
MAXIMUM DAILY, 36.5B ON FEB 21
MINIMUM DAILY, 0.034 ON AUG 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 22 33 N
LONG 74 56 51 W
DRAINAGE AREA, 99.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	447	JUL	795
FEB	19 300	AUG	4 420
MAR	3 070	SEP	2 700
APR	3 910	OCT	4 990
MAY	3 270	NOV	5 350
JUN	5 530	DEC	1 260

TOTAL DISCHARGE, 55 000 dam³

WEST DUFFINS CREEK ABOVE GREEN RIVER - STATION NO. 02HC038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.340B	0.350B	0.630B	0.779	0.405	0.360	0.299	0.258	0.377	0.393	0.616	0.592	1
2	0.330B	0.330B	0.590B	0.697	0.380	0.342	0.285	0.250	0.531	0.426	0.583	0.727	2
3	0.325B	0.310B	0.550B	0.629	0.379	0.386	0.281	0.264	0.530	0.411	0.533	0.694	3
4	0.320B	0.295B	0.520B	0.623	0.371	0.406	0.280	1.61	2.95	0.388	0.511	0.606	4
5	0.315B	0.285B	0.510B	0.612	0.379	0.362	0.359	3.13	1.81	0.382	0.512	0.559	5
6	0.308B	0.275B	0.515B	0.519	0.437	0.329	0.331	0.656	0.889	1.18	0.604	0.510B	6
7	0.302B	0.265B	0.515B	0.466	0.393	0.310	0.281	0.484	0.682	1.03	0.646	0.460B	7
8	0.298B	0.255B	0.520B	0.448	0.363	0.305	0.259	0.409	0.569	0.789	0.582	0.440B	8
9	0.295B	0.245B	0.520B	0.473	0.355	0.308	0.256	0.394	0.480	0.586	0.537	0.530B	9
10	0.285B	0.242B	0.510B	0.450	0.484	0.335	0.248	0.376	0.425	0.503	0.484	0.680B	10
11	0.288B	0.700B	0.505B	0.480	1.49	0.380	0.244	0.676	0.415	0.457	0.503	0.750B	11
12	0.275B	0.640B	0.490B	0.479	1.33	0.334	0.239	1.05	0.380	0.431	0.494	0.590B	12
13	0.272B	0.595B	0.490B	0.442	0.653	0.332	0.234	0.485	0.354	0.420	0.469	0.520B	13
14	0.268B	0.570B	0.480B	0.948	0.556	0.352	0.224	0.371	0.337	0.405	0.479	0.470B	14
15	0.266B	0.540B	0.465B	0.743	0.562	0.338	0.224	1.56	0.331	0.451	0.478	0.440B	15
16	0.263B	3.50 B	0.450B	0.547	0.525	0.373	0.217	1.30	0.332	0.472	0.744	0.400B	16
17	0.260B	4.50 B	0.430B	0.716	0.462	0.506	0.233	0.506	0.350	0.446	1.22	0.375B	17
18	0.258B	5.70 B	0.420B	0.676	0.415	0.365	0.229	0.396	0.398	1.57	0.809	0.355B	18
19	0.257B	6.00 B	0.405B	0.540	0.390	0.320	0.256	0.338	0.370	1.02	0.685	0.340B	19
20	0.255B	6.25 B	0.395B	0.513	0.373	0.308	0.363	0.316	0.384	0.668	1.48	0.330B	20
21	0.250B	6.37 B	0.385B	0.478	0.354	0.341	0.276	0.301	0.385	0.584	1.81	0.325B	21
22	0.247B	3.58 B	0.400B	0.446	0.340	0.700	0.267	0.287	0.512	0.967	0.988	0.300B	22
23	0.245B	4.06	0.442	0.441	0.325	0.639	0.255	0.295	0.428	1.64	0.723	0.350B	23
24	0.245B	2.88	0.455	0.577	0.333	0.406	0.247	0.287	0.377	1.19	0.657	0.400B	24
25	0.245B	1.63	0.470	0.538	0.357	0.366	0.249	0.284	0.353	0.767	0.579B	0.385B	25
26	0.320B	0.930B	0.438	0.454	0.430	0.322	0.263	0.286	0.401	0.907	0.547	0.370B	26
27	0.300B	0.720B	0.508	0.438	0.772	0.296	0.265	0.291	0.440	1.81	1.34	0.355B	27
28	0.310B	0.705B	0.547	0.418	0.738	0.285	0.400	0.362	0.364	2.28	0.945	0.345B	28
29	0.295B		0.526	0.460	0.609	0.283	0.666	0.403	0.349	0.972	0.712	0.335B	29
30	0.248B		1.07	0.445	0.461	0.286	0.345	0.373	0.355	0.742	0.611	0.330B	30
31	0.237B		1.24		0.394		0.293	0.417		0.663		0.330B	31
TOTAL	8.722	52.722	16.391	16.475	15.815	10.975	8.868	18.415	16.858	24.950	21.881	14.193	TOTAL
MEAN	0.281	1.88	0.529	0.549	0.510	0.366	0.286	0.594	0.562	0.805	0.729	0.458	MEAN
MAX	0.340	6.37	1.24	0.948	1.49	0.700	0.666	3.13	2.95	2.28	1.81	0.750	MAX
MIN	0.237	0.242	0.385	0.418	0.325	0.283	0.217	0.250	0.331	0.382	0.469	0.300	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.620
MAXIMUM DAILY, 6.37B ON FEB 21
MINIMUM DAILY, 0.217 ON JUL 16
MAXIMUM INSTANTANEOUS,
7.97 AT 23:55 EST ON AUG 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 54 54 N
LONG 79 10 47 W
DRAINAGE AREA, 52.0 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	754	JUL	766
FEB	4 560	AUG	1 590
MAR	1 420	SEP	1 460
APR	1 420	OCT	2 160
MAY	1 370	NOV	1 890
JUN	948	DEC	1 230

TOTAL DISCHARGE, 19 600 dam³

WEST DUFFINS CREEK AT GREEN RIVER - STATION NO. 02HC026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.490B	0.700B	1.10 B	1.46	0.689	0.752	0.466	0.436	0.573	0.480	0.945	1.03	1
2	0.480B	0.670B	1.00 B	1.27	0.639	0.669	0.462	0.395	0.987	0.573	0.890	1.28	2
3	0.470B	0.640B	0.920B	1.12	0.627	0.758	0.428	0.396	1.12	0.547	0.791	1.22	3
4	0.460B	0.620B	0.870B	1.10	0.609	0.810	0.404	3.19	7.92	0.496	0.757	0.978	4
5	0.450B	0.590B	0.850B	1.10	0.600	0.692	0.633	7.49	4.89	0.498	0.740	0.871	5
6	0.440B	0.580B	0.860B	0.957	0.736	0.640	0.572	1.57	1.95	2.37	0.856	0.800B	6
7	0.430B	0.560B	0.880B	0.862	0.644	0.581	0.500	1.06	1.33	2.06	0.968	0.870B	7
8	0.425B	0.550B	0.900B	0.737	0.608	0.542	0.436	0.893	1.02	1.45	0.864	0.780B	8
9	0.420B	0.520B	0.950B	0.771	0.599	0.534	0.365	0.847	0.824	0.965	0.774	0.720B	9
10	0.410B	0.510B	0.910B	0.715	0.841	0.598	0.343	0.775	0.686	0.798	0.685	0.700B	10
11	0.404B	1.30 B	0.900B	0.783	3.69	0.659	0.351	1.75	0.624	0.674	0.671	0.660B	11
12	0.400B	1.25 B	0.890B	0.786	3.30	0.573	0.331	2.46	0.580	0.631	0.662	0.640B	12
13	0.395B	1.20 B	0.870B	0.727	1.51	0.574	0.331	1.09	0.533	0.587	0.629	0.620B	13
14	0.390B	1.17 B	0.840B	1.79	1.19	0.559	0.292	0.822	0.491	0.590	0.626	0.600B	14
15	0.380B	1.15 B	0.800B	1.40	1.15	0.554	0.314	3.77	0.480	0.608	0.641	0.580B	15
16	0.376B	1.50 B	0.780B	1.02	1.03	0.673	0.308	3.08	0.465	0.626	1.10	0.560B	16
17	0.373B	7.00 B	0.720B	1.32	0.884	0.929	0.316	1.21	0.508	0.556	2.12	0.550B	17
18	0.370B	11.0 B	0.690B	1.29	0.763	0.653	0.354	0.706	0.585	3.25	1.41	0.539B	18
19	0.370B	15.0 B	0.680B	0.996	0.712	0.593	0.388	0.583	0.536	1.82	1.17	0.520B	19
20	0.370B	19.0 B	0.670B	0.907	0.650	0.580	0.624	0.509	0.548	1.05	2.98	0.500B	20
21	0.370B	15.6 B	0.680B	0.811	0.612	0.626	0.469	0.474	0.575	0.886	3.94	0.490B	21
22	0.370B	8.13	0.688	0.785	0.590	1.55	0.429	0.469	0.872	1.69	1.91	0.540B	22
23	0.370B	9.25	0.722	0.789	0.565	1.32	0.400	0.465	0.653	3.69	1.34	0.635B	23
24	0.369B	6.45	0.747	1.05	0.547	0.814	0.378	0.436	0.564	2.89	1.16	0.695B	24
25	0.369B	3.58	0.776	0.989	0.604	0.673	0.362	0.437	0.485	1.64	0.991	0.670B	25
26	0.500B	1.80 B	0.749	0.849	0.715	0.590	0.395	0.419	0.541	2.00	0.910	0.650B	26
27	0.470B	1.50 B	0.829	0.769	1.26	0.531	0.378	0.431	0.624	4.20	2.54	0.635B	27
28	0.440B	1.40 B	0.878	0.736	1.42	0.486	0.686	0.550	0.486	4.86	1.77	0.620B	28
29	0.420B		0.855	0.794	1.22	0.465	1.15	0.649	0.436	1.71	1.30	0.605B	29
30	0.400B		1.92	0.764	0.959	0.425	0.615	0.605	0.421	1.24	1.08	0.600B	30
31	0.370B		2.28		0.847		0.483	0.664		1.04		0.605B	31
TOTAL	12.751	113.220	28.204	29.447	30.810	20.403	13.963	38.631	32.307	46.475	37.220	21.763	TOTAL
MEAN	0.411	4.04	0.910	0.982	0.994	0.680	0.450	1.25	1.08	1.50	1.24	0.702	MEAN
MAX	0.500	19.0	2.28	1.79	3.69	1.55	1.15	7.49	7.92	4.86	3.94	1.28	MAX
MIN	0.369	0.510	0.670	0.715	0.547	0.425	0.292	0.395	0.421	0.480	0.626	0.490	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.16
MAXIMUM DAILY, 19.0B ON FEB 20
MINIMUM DAILY, 0.292 ON JUL 14

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 54 08 N
LONG 79 11 05 W
DRAINAGE AREA, 98.1 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 100	JUL	1 210
FEB	9 780	AUG	3 340
MAR	2 440	SEP	2 790
APR	2 540	OCT	4 020
MAY	2 660	NOV	3 220
JUN	1 760	DEC	1 880

TOTAL DISCHARGE, 36 700 dam³

WEST DUFFINS CREEK NEAR ALTONA - STATION NO. 02HC041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.135B	0.160B	0.430B	0.423	0.250	0.232	0.192	0.161	0.234	0.223	0.291	0.266	1
2	0.133B	0.152B	0.410B	0.400	0.237	0.208	0.190	0.156	0.352	0.256	0.276	0.328	2
3	0.131B	0.145B	0.360B	0.368	0.234	0.233	0.183	0.173	0.320	0.240	0.262	0.297	3
4	0.130B	0.140B	0.330B	0.383	0.231	0.254	0.193	0.759	1.55	0.220	0.257	0.269	4
5	0.129B	0.135B	0.310B	0.360	0.229	0.226	0.260	1.44	0.685	0.217	0.255	0.254	5
6	0.127B	0.131B	0.285B	0.292	0.277	0.209	0.219	0.409	0.364	0.641	0.266	0.235	6
7	0.125B	0.128B	0.300B	0.272	0.242	0.185	0.177	0.334	0.318	0.473	0.290	0.217	7
8	0.123B	0.125B	0.349	0.252	0.227	0.184	0.167	0.283	0.265	0.360	0.273	0.227	8
9	0.121B	0.123B	0.353	0.293	0.239	0.200E	0.156	0.269	0.230	0.269	0.278	0.228B	9
10	0.119B	0.121B	0.336	0.285	0.300	0.220E	0.156	0.283	0.214	0.247	0.244	0.230B	10
11	0.117B	0.700B	0.315	0.325	0.955	0.215E	0.157	0.395	0.218	0.231	0.245	0.233B	11
12	0.115B	4.00 B	0.303	0.314	0.649	0.200E	0.152	0.556	0.206	0.219	0.253	0.238B	12
13	0.114B	3.55 B	0.280B	0.272	0.365	0.205E	0.139	0.267	0.195	0.222	0.247	0.240B	13
14	0.113B	1.70 B	0.265B	0.601	0.315	0.210E	0.135	0.199	0.179	0.219	0.245	0.236B	14
15	0.112B	1.00 B	0.280B	0.431	0.329	0.230E	0.144	0.798	0.181	0.235	0.248	0.232B	15
16	0.111B	0.880B	0.260B	0.323	0.317	0.290E	0.150	0.493	0.177	0.248	0.390	0.230B	16
17	0.110B	1.05 B	0.240B	0.432	0.286	0.380E	0.141	0.238	0.201	0.227	0.485	0.224B	17
18	0.109B	1.80 B	0.235B	0.411	0.250	0.222E	0.145	0.199	0.225	0.679	0.348	0.213B	18
19	0.108B	3.60 B	0.230B	0.334	0.237	0.190E	0.170	0.185	0.213	0.400	0.303	0.203B	19
20	0.108B	4.05 B	0.225B	0.308	0.231	0.205E	0.272	0.175	0.240	0.294	0.544	0.196B	20
21	0.108B	3.89 B	0.230B	0.274	0.220	0.220E	0.170	0.168	0.222	0.264	0.587	0.187B	21
22	0.107B	1.68 E	0.253	0.266	0.205	0.570E	0.172	0.167	0.298	0.380	0.372	0.180B	22
23	0.107B	1.84	0.286	0.301	0.191	0.401	0.160	0.165	0.228	0.510	0.321	0.190B	23
24	0.107B	1.24	0.296	0.380	0.183	0.243	0.156	0.169	0.208	0.464	0.297	0.204B	24
25	0.107B	0.813	0.301	0.331	0.224	0.222	0.151	0.175	0.196	0.360	0.273	0.212B	25
26	0.135B	0.575	0.284	0.280	0.300	0.197	0.155	0.169	0.242	0.433	0.268	0.196B	26
27	0.130B	0.486	0.351	0.257	0.576	0.184	0.162	0.175	0.248	0.598	0.560	0.188B	27
28	0.125B	0.479	0.372	0.248	0.495	0.167	0.300	0.217	0.208	0.704	0.384	0.182B	28
29	0.123B		0.349	0.267	0.376	0.172	0.433	0.256	0.196	0.399	0.310	0.177B	29
30	0.122B		0.726	0.271	0.265	0.176	0.213	0.246	0.196	0.337	0.266	0.174B	30
31	0.120B		0.700		0.252		0.177	0.263		0.319		0.172B	31
TOTAL	3.681	34.693	10.244	9.954	9.687	7.050	5.747	9.942	8.829	10.888	9.638	6.858	TOTAL
MEAN	0.119	1.24	0.330	0.332	0.312	0.235	0.185	0.321	0.294	0.351	0.321	0.221	MEAN
MAX	0.135	4.05	0.726	0.601	0.955	0.570	0.433	1.44	1.55	0.704	0.587	0.328	MAX
MIN	0.107	0.121	0.225	0.248	0.183	0.167	0.135	0.156	0.177	0.217	0.244	0.172	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.349
MAXIMUM DAILY, 4.05B ON FEB 20
MINIMUM DAILY, 0.107B ON JAN 22

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 57 31 N
LONG 79 11 20 W
DRAINAGE AREA, 21.7 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	318	JUL	497
FEB	3 000	AUG	859
MAR	885	SEP	763
APR	860	OCT	941
MAY	837	NOV	833
JUN	609	DEC	593

TOTAL DISCHARGE, 11 000 dam³

WEST NUMBER RIVER AT HIGHWAY NO. 7 - STATION NO. 02HC031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.181B	0.130B	0.793E	1.63	0.355	0.130E	0.044	0.049	0.192	0.117	1.18	0.809	1
2	0.170B	0.142B	0.722E	1.33	0.286	0.091E	0.044	0.041	0.197	0.155	0.867	1.45	2
3	0.159B	0.136B	0.685E	0.975	0.252	0.105E	0.044	0.035	0.170	0.164	0.574	2.35	3
4	0.150B	0.133B	0.651E	0.716	0.227	0.113E	0.048	0.037	0.828	0.166	0.535	1.53	4
5	0.142B	0.130B	0.609E	0.645	0.197	0.126E	0.521	0.046	2.70	0.161	0.491	0.961	5
6	0.136B	0.125B	0.580E	0.631	0.184E	0.110E	1.93	0.048	1.69	0.390	0.498	0.784	6
7	0.130B	0.130B	0.552E	0.576	0.159E	0.088E	0.848	0.046	0.941	1.29	0.500	0.583	7
8	0.125B	0.133B	0.538E	0.530	0.144E	0.076E	0.344	0.047	0.598	0.816	0.467	0.737	8
9	0.122B	0.132B	0.510E	0.513	0.136E	0.065E	0.199	0.046	0.491	0.492	0.410	1.74	9
10	0.116B	0.263B	0.510E	0.504	0.181E	0.074E	0.131	0.046	0.323	0.359	0.342	0.608	10
11	0.112B	0.453B	0.530E	0.486	0.425E	0.082E	0.082	0.047	0.222	0.311	0.337	0.566	11
12	0.109B	0.208B	0.541	0.464	1.47 E	0.074E	0.065	0.050	0.193	0.239	0.325	0.532	12
13	0.106B	0.204B	0.553	0.453	1.19 E	0.065E	0.052	0.046	0.174	0.209	0.311	0.519	13
14	0.106B	0.195B	0.606	0.621	0.850E	0.062E	0.046	0.044	0.123	0.188	0.298	0.521	14
15	0.105B	0.207B	0.624	1.26	0.708E	0.059E	0.038	0.063	0.078	0.185	0.297	0.519	15
16	0.103B	4.67 B	0.642	0.794	0.566E	0.057E	0.030	0.070	0.081	0.191	1.35	0.524B	16
17	0.103B	16.3 B	0.709	0.591	0.481E	0.065E	0.029	0.076	0.067	0.196	4.94	0.504B	17
18	0.102B	21.1	0.560	0.548	0.425E	0.053	0.027	0.054	0.068	0.349	2.88	0.490B	18
19	0.101B	13.1	0.522	0.538	0.340E	0.053	0.025	0.045	0.062	1.21	1.79	0.476B	19
20	0.101B	12.3	0.504	0.505	0.266E	0.053	0.030	0.040	0.062	0.793	7.96	0.459B	20
21	0.099B	7.37	0.493	0.493	0.210E	0.050	0.031	0.034	0.060	0.494	7.90	0.447E	21
22	0.099B	2.04	0.427	0.485	0.176E	0.134	0.028	0.029	0.124	1.09	3.94	1.10 E	22
23	0.099B	4.50	0.420	0.412	0.153E	0.246	0.027	0.031	0.173	2.87	2.36	2.38 E	23
24	0.102B	2.97	0.362	0.419	0.133E	0.230	0.026	0.030	0.156	3.96	1.55	0.991E	24
25	0.106B	1.70 E	0.354	0.490	0.113E	0.168	0.026	0.026	0.133	2.38	1.03	0.481E	25
26	0.125B	1.36 E	0.322	0.467	0.136E	0.124	0.025	0.027	0.137	1.46	0.880	0.459E	26
27	0.122B	1.19 E	0.328	0.422	0.153E	0.079	0.027	0.023	0.137	2.89	2.73	0.524E	27
28	0.119B	1.03 E	0.356	0.371	0.181E	0.053	0.062	0.041	0.132	9.87	3.65	0.595E	28
29	0.116B		0.412	0.369	0.198E	0.047	0.190	0.079	0.124	4.08	2.06	0.538E	29
30	0.113B		0.738	0.352	0.232E	0.045	0.172	0.121	0.113	2.24	1.14	0.487E	30
31	0.122B		2.11		0.176E		0.088	0.187		1.45		0.496E	31
TOTAL	3.701	92.371	18.203	18.590	10.703	2.777	5.279	1.604	10.549	40.765	53.592	25.155	TOTAL
MEAN	0.119	3.30	0.587	0.620	0.345	0.093	0.170	0.052	0.352	1.32	1.79	0.811	MEAN
MAX	0.181	21.1	2.11	1.63	1.47	0.246	1.93	0.187	2.70	9.87	7.96	2.38	MAX
MIN	0.099	0.125	0.322	0.352	0.113	0.045	0.025	0.023	0.060	0.117	0.297	0.447	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.776
MAXIMUM DAILY, 21.1 ON FEB 18
MINIMUM DAILY, 0.023 ON AUG 27
MAXIMUM INSTANTANEOUS,
26.3 AT 17:00 EST ON FEB 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 45 30 N
LONG 79 40 41 W
DRAINAGE AREA, 148 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	320	JUL	456
FEB	7 980	AUG	139
MAR	1 570	SEP	911
APR	1 610	OCT	3 520
MAY	925	NOV	4 630
JUN	240	DEC	2 170

TOTAL DISCHARGE, 24 500 dam³

WEST NUMBER RIVER BELOW CLAIREVILLE DAM - STATION NO. 02HC034

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.148	0.124	2.12	1.19	0.263	0.116	0.006	0.016	0.129	0.090	1.02	1.42	1
2	0.135	0.147	1.31	0.957	0.171	0.077	0.004	0.010	0.148	0.166	0.797	1.33	2
3	0.116	0.140	0.738	0.765	0.214	0.079	0.004	0.008	0.146	0.142	0.642	1.37	3
4	0.091	0.110	0.671	0.638	0.188	0.089	0.012	0.032	0.471	0.123	0.548	1.62	4
5	0.096	0.084	0.588	0.630	0.189	0.061	0.195	0.080	1.84	0.135	0.478	1.67	5
6	0.099	0.070	0.460	0.575	0.210	0.088	0.970	0.029	1.72	0.306	0.471	0.870	6
7	0.110	0.072	0.475	0.472	0.133	0.024	0.958	0.016	1.01	0.789	0.397	0.605	7
8	0.109	0.082	0.498	0.411	0.107	0.013	0.534	0.015	0.690	0.830	0.353	0.523	8
9	0.096	0.091	0.489	0.177	0.086	0.043	0.282	0.022	0.483	0.537	0.327	0.430	9
10	0.087	0.127	0.494	0	0.112	0.012	0.130	0.012	0.343	0.374	0.295	0.454	10
11	0.066	0.675	0.496	0	0.565	0.039	0.048	0.038	0.227	0.280	0.287	0.380	11
12	0.068	0.870	0.474	0	2.29	0.025	0.021	0.062	0.173	0.217	0.250	0.323	12
13	0.058	1.48	0.459	0	1.97	0.027	0.007	0.036	0.109	0.176	0.243	0.299	13
14	0.058	1.35	0.383	0.001	1.04	0.033	0.002	0.021	0.081	0.149	0.218	0.290	14
15	0.060	0.997	0.376	0	0.757	0.038	0	0.053	0.054	0.160	1.45	0.304	15
16	0.074	1.33	0.379	0	0.624	0.058	0	0.087	0.036	0.173	2.22	0.301	16
17	0.085	19.2	0.315	0	0.507	0.056	0	0.038	0.031	0.141	2.46	0.281	17
18	0.092	43.7	0.247	0	0.404	0.025	0	0.019	0.031	0.298	2.63	0.229	18
19	0.104	37.3	0.257	0	0.314	0.015	0	0.010	0.034	0.670	2.37	0.191	19
20	0.101	26.4	0.253	0.003	0.212	0.005	0	0.005	0.039	0.742	5.18	0.153	20
21	0.107	25.0	0.222	0	0.164	0.011	0.005	0.002	0.039	0.568	12.1	0.132	21
22	0.102	10.1	0.254	0.021	0.115	0.113	0.001	0.001	0.105	0.708	5.23	0.153	22
23	0.100	9.99	0.279	0.144	0.083	0.141	0	0.001	0.125	1.82	2.78	0.235	23
24	0.105	14.1	0.270	0.300	0.072	0.170	0	0.002	0.099	3.69	2.25	0.216	24
25	0.108	4.37	0.265	0.360	0.081	0.176	0	0	0.079	2.46	1.95	0.229	25
26	0.129	2.53	0.260	0.365	0.089	0.088	0	0	0.095	1.41	1.65	0.202	26
27	0.167	1.52	0.284	0.329	0.123	0.026	0	0	0.132	1.94	1.39	0.208	27
28	0.180	1.57	0.277	0.297	0.167	0.010	0.001	0.003	0.140	12.5	1.66	0.205	28
29	0.191		0.305	0.300	0.194	0.007	0.019	0.025	0.057	5.80	1.73	0.207	29
30	0.173		0.561	0.276	0.217	0.008	0.033	0.064	0.045	2.59	1.58	0.201	30
31	0.138		1.24		0.191		0.028	0.126		1.45		0.203	31
TOTAL	3.353	203.529	15.699	8.211	11.852	1.673	3.260	0.833	8.711	41.434	58.956	15.234	TOTAL
MEAN	0.108	7.27	0.506	0.274	0.382	0.056	0.105	0.027	0.290	1.34	1.83	0.491	MEAN
MAX	0.191	43.7	2.12	1.19	2.29	0.176	0.970	0.126	1.84	12.5	12.1	1.67	MAX
MIN	0.058	0.070	0.222	0	0.072	0.005	0	0	0.031	0.090	0.218	0.132	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.01
MAXIMUM DAILY, 43.7 ON FEB 18
MINIMUM DAILY, 0 ON APR 10
MAXIMUM INSTANTANEOUS,
54.2 AT 00:45 EST ON FEB 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 44 16 N
LONG 79 37 46 W
DRAINAGE AREA, 194 km²

REGULATED SINCE 1964

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	290	JUL	282
FEB	17 600	AUG	72.0
MAR	1 360	SEP	753
APR	709	OCT	3 580
MAY	1 020	NOV	4 750
JUN	145	DEC	1 320

TOTAL DISCHARGE, 31 900 dam³

WEST MONTREAL RIVER AT MISTINIKON LAKE DAM - STATION NO. 02JD012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.10	14.0	11.6	16.8	22.9	26.9	27.3	8.00	6.40	10.9	14.7	11.6	1
2	8.80	12.7	11.6	17.8	29.3	26.3	23.3	7.70	6.20	14.8	15.0	11.6	2
3	8.80	11.9	15.4	22.1	36.6	32.8	20.7	7.00	6.00	13.7	15.3	11.6	3
4	8.80	11.2	20.5	26.6	43.9	34.5	22.9	6.60	5.80	12.6	15.9	11.6	4
5	6.80	10.5	18.2	31.7	45.3	33.4	24.0	6.10	3.70	11.8	16.5	11.6	5
6	13.2	9.80	17.3	21.3	46.7	36.0	25.7	5.60	5.60	11.4	16.5	11.6	6
7	20.9	9.00	16.5	0.200	49.2	36.0	25.7	5.60	5.40	11.8	16.4	11.6	7
8	16.5	8.70	15.6	6.20	49.2	36.0	25.1	5.60	5.30	12.6	16.4	11.6	8
9	14.8	8.20	14.8	16.8	49.2	36.0	25.1	5.60	5.30	13.1	16.4	11.6	9
10	13.4	8.10	14.7	47.8	51.2	36.0	24.5	5.60	5.30	13.5	15.4	11.6	10
11	12.6	7.10	13.6	78.0	51.2	36.0	23.5	5.60	5.40	14.2	15.4	11.6	11
12	11.3	7.10	13.2	82.2	32.8	36.0	22.3	5.60	5.60	14.6	15.3	11.6	12
13	11.3	7.10	13.0	84.0	25.0	36.0	21.8	6.10	5.70	15.3	15.3	11.6	13
14	9.30	7.10	12.6	90.0	23.5	36.0	17.8	6.10	8.20	15.6	15.0	15.9	14
15	9.30	6.80	12.4	92.0	25.5	36.0	15.0	6.10	10.9	16.0	14.7	20.5	15
16	9.30	6.80	12.0	93.6	27.0	36.0	11.4	6.10	10.2	11.3	14.4	19.0	16
17	9.30	6.80	17.6	92.8	29.5	36.0	11.8	6.10	9.80	8.00	14.4	17.8	17
18	8.80	6.80	16.6	92.8	32.0	35.8	12.2	5.80	9.40	9.20	14.4	16.7	18
19	7.60	6.80	15.6	92.8	34.8	34.8	12.6	9.60	9.00	10.7	12.2	15.9	19
20	12.8	6.80	14.4	92.8	34.8	33.3	13.1	11.4	8.80	12.0	10.5	15.4	20
21	19.6	6.80	14.4	92.8	34.7	32.0	12.6	10.5	8.60	13.1	11.0	15.2	21
22	17.4	6.80	14.4	93.0	33.0	31.8	12.2	9.80	8.60	14.4	11.3	14.7	22
23	16.0	6.80	14.4	84.6	31.8	31.2	11.8	9.30	7.80	14.7	11.6	14.4	23
24	14.7	10.4	13.8	79.4	30.6	31.0	11.4	8.90	7.80	15.2	11.6	14.2	24
25	12.5	15.9	13.4	74.8	30.6	29.8	10.8	8.50	7.60	15.8	11.6	13.7	25
26	11.5	15.9	13.4	71.6	21.4	29.8	10.2	8.00	7.60	16.7	11.6	13.5	26
27	10.3	13.8	13.8	67.7	11.2	29.1	9.60	7.70	7.40	16.7	11.6	12.8	27
28	16.1	13.8	13.8	67.2	16.4	28.5	9.00	7.40	7.40	15.0	11.6	12.6	28
29	21.5		13.8	44.2	19.1	27.9	8.40	7.10	6.70	13.9	11.6	12.6	29
30	19.3		13.8	15.9	21.8	27.9	8.30	6.80	6.60	14.2	11.6	12.6	30
31	16.9		14.4		24.5		8.30	6.60		14.4		12.6	31
TOTAL	398.50	263.50	450.6	1 789.500	1 014.7	988.8	518.40	222.50	214.10	417.20	415.2	420.9	TOTAL
MEAN	12.9	9.41	14.5	59.7	32.7	33.0	16.7	7.18	7.14	13.5	13.8	13.6	MEAN
MAX	21.5	15.9	20.5	93.6	51.2	36.0	27.3	11.4	10.9	16.7	16.5	20.5	MAX
MIN	6.80	6.80	11.6	0.200	11.2	26.3	8.30	5.60	3.70	8.00	10.5	11.6	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.5
MAXIMUM DAILY, 93.6 ON APR 16
MINIMUM DAILY, 0.200 ON APR 7

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 02 25 N
LONG 80 42 14 W
DRAINAGE AREA, 1 780 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	34 400	JUL	44 800
FEB	22 800	AUG	19 200
MAR	38 900	SEP	18 500
APR	155 000	OCT	36 000
MAY	87 700	NOV	35 900
JUN	85 400	DEC	36 400

TOTAL DISCHARGE, 615 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

WHITE RIVER BELOW WHITE LAKE - STATION NO. 02BC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.9E	18.1E	18.9	20.1	116	103	55.8	15.3	12.2	9.51	24.6	25.8	1
2	25.4E	18.0E	19.2	21.0	118	102	55.7	15.7	12.0	9.34	25.0	25.9	2
3	25.1E	17.8E	19.1	22.6	121	101	55.6	15.8	11.6	9.15	23.9	25.8	3
4	24.9E	17.5E	19.1	25.8	127	97.3	56.1	16.3	12.0	9.07	24.6	25.8	4
5	24.6E	17.3	19.2	26.9	136	94.6	55.4	16.0	11.5	8.95	25.0	25.6	5
6	24.2E	17.3	19.2	28.1	145	94.7	55.0	15.8	11.1	9.10	26.0	25.9	6
7	23.9E	17.2	19.1	30.2	158	91.9	53.1	16.1	10.9	9.13	24.8	26.3	7
8	23.7E	17.0	19.2	32.8	171	89.3	52.6	16.2	11.3	14.6	25.7	26.2	8
9	23.4E	16.8	19.3	35.6	186	88.2	52.3	16.4	10.8	21.6	24.7	26.0	9
10	23.1E	16.6	19.3	38.6	192	87.3	50.5	16.4	10.9	20.6	24.5	25.8	10
11	22.8E	16.6	19.1	42.6	197	84.6	49.9	16.0	10.7	19.9	25.4	25.8	11
12	22.6E	16.5	19.0	45.8	198	83.4	48.7	16.2	10.6	19.0	24.4	25.9	12
13	22.3E	16.3	19.1	49.5	196	81.6	48.4	16.1	10.5	17.1	24.1	25.8	13
14	22.1E	16.1	18.8	55.5	193	80.9	46.8	15.8	10.6	15.6	24.7	26.0	14
15	21.8E	15.7	19.1	60.0	189	79.4	45.2	16.0	10.5	15.3	25.2	26.0	15
16	21.5E	15.6	18.8	65.5	186	78.0	43.4	15.5	10.4	16.4	25.2	25.8	16
17	21.3E	15.5	18.7	73.5	178	76.2	41.6	15.0	10.3	16.2	25.5	25.7	17
18	21.1E	15.9	18.6	80.9	171	72.8	40.3	14.9	9.89	18.7	26.3	25.7	18
19	20.8E	16.2	18.5	88.2	166	75.3	38.6	14.6	10.1	16.4	26.9	25.5	19
20	20.5E	16.3	18.5	93.8	158	75.2	38.8	14.5	10.0	16.7	27.2	25.5	20
21	20.3E	16.4	18.4	99.1	151	74.6	28.9	14.2	9.98	17.0	26.1	25.4	21
22	20.1E	16.5	18.3	104	144	73.2	14.1	14.0	9.89	17.4	25.1	25.7	22
23	19.9E	16.8	18.3	106	139	70.8	14.2	14.0	9.74	17.2	24.8	25.8	23
24	19.8E	17.8	18.2	108	135	69.9	14.0	14.0	9.74	18.6	24.8	26.0	24
25	19.6E	18.1	18.0	109	130	68.2	14.7	13.5	9.79	18.7	24.7	26.0	25
26	19.3E	18.3	18.2	109	125	59.3	15.0	13.2	9.56	18.4	25.2	26.0	26
27	19.1E	18.6	18.0	110	119	52.8	15.0	13.3	9.34	18.2	25.3	26.1	27
28	18.9E	18.8	18.2	111	114	53.1	15.1	12.8	9.54	18.3	25.2	26.0	28
29	18.7E		18.8	112	110	55.3	14.9	12.6	9.52	18.8	25.3	26.0	29
30	18.5E		19.6	114	109	55.9	15.0	12.4	9.44	19.1	25.5	26.0	30
31	18.3E		19.6		105		14.7	12.1		23.4		26.2	31
TOTAL	673.5	475.6	583.4	2 019.1	4 683	2 369.8	1 159.4	460.3	314.43	497.45	755.7	802.0	TOTAL
MEAN	21.7	17.0	18.8	67.3	151	79.0	37.4	14.8	10.5	16.0	25.2	25.9	MEAN
MAX	25.9	18.8	19.6	114	198	103	56.1	16.4	12.2	23.4	27.2	26.3	MAX
MIN	18.3	15.5	18.0	20.1	105	52.8	14.0	12.1	9.34	8.95	23.9	25.4	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 40.5
MAXIMUM DAILY, 198 ON MAY 12
MINIMUM DAILY, 8.95 ON OCT 5
MAXIMUM INSTANTANEOUS,
199 AT 14:43 EST ON MAY 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 39 19 N
LONG 85 44 32 W
DRAINAGE AREA, 4 170 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	58 200	JUL	100 000
FEB	41 100	AUG	39 800
MAR	50 400	SEP	27 200
APR	174 000	OCT	43 000
MAY	405 000	NOV	65 300
JUN	205 000	DEC	69 300

TOTAL DISCHARGE, 1 280 000 dam³

E - ESTIMATED
REGULATED

WHITEFISH RIVER AT NOLALU - STATION NO. 02AB017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.428B	0.402B	0.380B	6.10B	5.86	2.49	1.56	0.274	0.289	0.282	0.933E	0.595B	1
2	0.426B	0.404B	0.368B	9.17B	6.26	12.0	1.36	0.274	0.394	0.378	0.926E	0.560B	2
3	0.424B	0.398B	0.357B	15.7 B	12.5	17.7	1.21	0.263	0.302	0.417	0.919E	0.520B	3
4	0.422B	0.395B	0.348B	12.5 B	10.7	15.0	1.16	0.260	0.246	0.451	0.912E	0.485B	4
5	0.420B	0.393B	0.342B	9.95B	10.2	10.8	1.09	0.265	0.209	0.511	0.905E	0.458B	5
6	0.417B	0.390B	0.338B	7.60B	8.19	8.50	1.00	0.325	0.189	0.840	0.898E	0.434B	6
7	0.414B	0.387B	0.336B	9.70B	6.41	6.40	0.901	0.424	0.193	1.11	0.891E	0.410B	7
8	0.410B	0.384B	0.334B	13.3 B	5.16	5.53	0.849	0.474	0.220	1.08	0.884E	0.387B	8
9	0.408B	0.382B	0.335B	18.8	4.67	4.63	0.807	0.480	0.249	0.987	0.877E	0.365B	9
10	0.406B	0.378B	0.338B	20.3	4.66	3.69	0.739	0.568	0.250	0.903	0.870E	0.350B	10
11	0.404B	0.376B	0.345B	20.7	4.41	3.35	0.678	0.601	0.220	0.767	0.863E	0.333B	11
12	0.402B	0.374B	0.350B	17.7	3.87	2.93	0.647	0.581	0.198	0.733	0.857E	0.315B	12
13	0.400B	0.372B	0.355B	18.0	3.64	2.69	0.637	0.532	0.185	0.681	0.852	0.300B	13
14	0.398B	0.373B	0.358B	18.5	3.24	3.12	0.611	0.472	0.177	0.965	0.830	0.288B	14
15	0.396B	0.377B	0.355B	15.6	3.10	3.18	0.586	0.455	0.164	1.30	0.825	0.276B	15
16	0.393B	0.395B	0.350B	15.6	2.87	2.78	0.565	0.413	0.159	1.25	0.836	0.264B	16
17	0.390B	0.415B	0.345B	17.4	2.70	2.33	0.536	0.345	0.155	1.22	0.831	0.253B	17
18	0.388B	0.485B	0.342B	16.4	2.59	2.12	0.545	0.287	0.148	1.68	0.809	0.245B	18
19	0.400B	0.470B	0.340B	14.0	2.38	1.99	0.564	0.333	0.152	1.82	0.786	0.237B	19
20	0.416B	0.495B	0.342B	11.6	2.22	1.88	0.555	0.278	0.164	1.71	0.748B	0.230B	20
21	0.425B	0.505B	0.352B	9.59	2.10	1.97	0.532	0.218	0.153	1.61	0.712B	0.222B	21
22	0.426B	0.507B	0.400B	8.28	1.95	1.92	0.492	0.191	0.153	1.45	0.683B	0.216B	22
23	0.424B	0.502B	0.510B	9.76	1.85	1.85	0.453	0.186	0.148	1.31	0.655B	0.213B	23
24	0.422B	0.495B	0.680B	10.9	1.86	1.89	0.429	0.189	0.141	1.16	0.638B	0.205B	24
25	0.420B	0.480B	0.890B	9.02	2.86	2.05	0.404	0.196	0.140	1.06	0.638B	0.200B	25
26	0.418B	0.455B	1.16 B	8.06	3.41	1.87	0.382	0.213	0.141	1.03	0.648B	0.197B	26
27	0.415B	0.430B	1.51 B	7.70	2.79	1.61	0.378	0.182	0.154	0.967	0.682B	0.193B	27
28	0.412B	0.415B	1.98 B	7.48	2.29	1.57	0.335	0.172	0.217	0.960E	0.690B	0.188B	28
29	0.408B		2.54 B	7.08	1.98	1.99	0.311	0.169	0.241	0.953E	0.675B	0.184B	29
30	0.406B		3.05 B	6.60	1.90	1.86	0.296	0.156	0.230	0.947E	0.642B	0.182B	30
31	0.404B		4.30 B		1.78		0.270	0.156		0.940E		0.179B	31
TOTAL	12.742	11.794	24.330	373.09	130.40	131.69	20.882	9.932	5.981	31.472	23.915	9.484	TOTAL
MEAN	0.411	0.421	0.785	12.4	4.21	4.39	0.674	0.320	0.199	1.02	0.797	0.306	MEAN
MAX	0.428	0.507	4.30	20.7	12.5	17.7	1.56	0.601	0.394	1.82	0.933	0.595	MAX
MIN	0.388	0.372	0.334	6.10	1.78	1.57	0.270	0.156	0.140	0.282	0.638	0.179	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.15
MAXIMUM DAILY, 20.7 ON APR 11
MINIMUM DAILY, 0.140 ON SEP 25
MAXIMUM INSTANTANEOUS,
29.1 AT 20:20 EST ON APR 10

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 17 30 N
LONG 89 48 33 W
DRAINAGE AREA, 210 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 100	JUL	1 800
FEB	1 020	AUG	858
MAR	2 100	SEP	517
APR	32 200	OCT	2 720
MAY	11 300	NOV	2 070
JUN	11 400	DEC	819

TOTAL DISCHARGE, 67 980 dam³

WHITEMANS CREEK NEAR MOUNT VERNON - STATION NO. 02GB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.50B	1.29B	13.4	6.95	7.49	1.87	1.79	1.47	3.20E	2.73	6.13	3.61	1
2	1.48B	1.40B	13.1	7.32	6.18	1.79	1.77	1.29	4.20E	3.45	5.16	3.79	2
3	1.47B	1.34B	11.7	6.48	5.06	1.75	1.75	1.24	6.50E	3.78	4.64	4.07	3
4	1.46B	1.31B	9.44	5.37	4.26	1.89	1.67	1.28	16.8 E	3.49	4.18	4.22	4
5	1.45B	1.28B	8.11	4.59	3.80	1.84	1.64	1.38	25.5 E	3.12	3.90	4.00	5
6	1.44B	1.25B	6.76	4.06	3.48	1.70	1.58	1.32	17.4	2.99	3.76	3.77	6
7	1.42B	1.23B	5.78	3.71	3.20	1.56	1.47	1.21	12.6	3.56	3.59	3.55	7
8	1.40B	1.22B	5.14	3.40	2.96	1.49	1.38	1.39	8.67	4.06	3.43	3.34	8
9	1.35B	1.21B	4.82	3.16	2.77	1.47	1.30	1.62	6.09	3.96	3.28	3.16	9
10	1.29B	1.24B	4.65	2.94	2.70	1.41	1.19	1.56	4.62	3.60	3.15	2.40E	10
11	1.26B	2.04B	4.52	2.88	3.25	1.35	1.13	1.99	3.90	3.21	3.06	2.38E	11
12	1.23B	2.82	4.42	2.86	3.92	1.30	1.07	2.94	3.45	2.93	2.95	2.36E	12
13	1.21B	2.77	4.35	2.83	3.95	1.29	0.988	2.85	3.07	2.74	2.86	2.34E	13
14	1.20B	2.70	4.24	3.80	3.78	1.41	0.785	2.33	2.94	2.60	2.78	2.37E	14
15	1.19B	3.00	4.11	5.53	3.69	1.43	0.644	2.12	2.80	2.51	2.73	2.48E	15
16	1.19B	3.49	4.02	6.16	3.77	1.42	0.550	2.12	2.62	2.46	2.73	2.47	16
17	1.21B	5.71	3.80	5.77	3.71	1.50	0.483	2.02	2.66	2.39	2.81	2.46	17
18	1.20B	16.7	3.50	6.26	3.51	1.50	0.440	1.72	2.87	2.93	2.82	2.10B	18
19	1.19B	27.9	3.32	6.58	3.24	1.42	0.492	1.48	2.88	4.34	2.79	2.02B	19
20	1.19B	34.3	3.14	5.75	3.04	1.34	0.854	1.30	2.72	5.06	3.26	1.94B	20
21	1.19B	42.2	2.99	4.81	2.84	1.77	1.20	1.16	2.70	4.73	4.76	1.92B	21
22	1.19B	38.6	3.03	4.19	2.59	3.11	1.11	1.10	3.99	4.78	5.95	2.00B	22
23	1.19B	34.0	3.05	4.28	2.43	4.49	1.03	1.03	5.24	7.90	5.47	2.15B	23
24	1.19B	39.4	3.06	5.98	2.30	4.47	0.957	0.943	4.91	12.3	4.72	2.25B	24
25	1.19B	38.4	3.08	7.75	2.20	3.52	0.864	0.857	3.93	11.1	4.04	2.24B	25
26	1.26B	26.3	3.13	7.71	2.18	2.74	0.815	0.809	3.49	9.57	3.67	2.22B	26
27	1.38B	17.6	3.45	6.40	2.16	2.30	0.868	0.832	3.14	8.55	3.69	2.19B	27
28	1.28B	14.4	3.80	5.61	2.19	1.97	1.12	0.867	2.93	9.86	3.93	2.17B	28
29	1.23B		4.26	6.56	2.19	1.77	1.67	0.894	2.73	11.1	3.92	2.14B	29
30	1.19B		4.84	7.50	2.14	1.66	1.78	2.73	2.61	9.46	3.77	2.10B	30
31	1.23B		6.03		2.03		1.69	2.90 E		7.60		2.06B	31
TOTAL	39.85	365.10	163.04	157.19	103.01	58.53	36.080	48.752	171.16	162.86	113.93	82.27	TOTAL
MEAN	1.29	13.0	5.26	5.24	3.32	1.95	1.16	1.57	5.71	5.25	3.80	2.65	MEAN
MAX	1.50	42.2	13.4	7.75	7.49	4.49	1.79	2.94	25.5	12.3	6.13	4.22	MAX
MIN	1.19	1.21	2.99	2.83	2.03	1.29	0.440	0.809	2.61	2.39	2.73	1.92	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.11
MAXIMUM DAILY, 42.2 ON FEB 21
MINIMUM DAILY, 0.440 ON JUL 18
MAXIMUM INSTANTANEOUS,
43.1 AT 06:21 EST ON FEB 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 07 33 N
LONG 80 23 05 W
DRAINAGE AREA, 383 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 440	JUL	3 120
FEB	31 500	AUG	4 210
MAR	14 100	SEP	14 800
APR	13 600	OCT	14 100
MAY	8 900	NOV	9 840
JUN	5 060	DEC	7 110

TOTAL DISCHARGE, 130 000 dam³

WHITSON RIVER AT CHELMSFORD - STATION NO. 02CF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.730B	0.650B	14.0	16.3	4.52	1.66	2.21	0.670E	0.787	1.54	3 35	1.72	1
2	0.720B	0.660B	12.6	19.8	4.14	1.63	2.19	0.620E	1.20	1.64	3.15	1.76	2
3	0.720B	0.660B	11.0 B	21.1	3.85	1.62	2.00	0.625E	0.990	1.88	2.92	1.78	3
4	0.710B	0.660B	9.20B	24.8	3.79	1.57	1.97	0.630E	1.04	2.18	2.77	1.79	4
5	0.710B	0.640B	8.00B	28.6	3.83	1.53	1.99	0.625A	1.12	2.49	2.65	1.67	5
6	0.705B	0.640B	7.00B	26.1	3.64	1.49	1.80	0.597	1.25	3.02	2.68	1.61	6
7	0.705B	0.640B	6.10B	21.7	3.49	1.43	1.66 A	0.587	1.35	3.87	2.63	1.53 B	7
8	0.700B	0.640B	5.40B	18.0	3.27	1.43	1.67 E	0.583	1.51	4.30	2.76	1.43 B	8
9	0.700B	0.630B	4.90B	19.1	3.04	1.45	1.69 E	0.575	1.67	5.15	2.72	1.36 B	9
10	0.700B	0.630B	4.50B	18.2	2.84	1.46	1.60 E	0.601	3.08	5.23	2.62	1.30 B	10
11	0.700B	0.680B	4.00B	16.9	2.59	1.39	1.49 E	0.615	3.53	4.70	2.52	1.23 B	11
12	0.695B	0.740B	3.70B	15.1	2.73	1.38	1.33 E	0.645	6.01	4.06	2.40	1.19 B	12
13	0.695B	0.750B	3.40B	12.5	3.08	1.35	1.29 E	0.651	7.68	3.58	2.38	1.20 B	13
14	0.695B	0.760B	3.10B	12.1	3.07	1.34	1.20 E	0.626	7.31	3.22	2.24	1.21 B	14
15	0.690B	0.770B	2.90B	12.9	3.00	1.37	1.10 E	0.626	6.48	3.08	2.22	1.18 B	15
16	0.690B	0.800B	2.70B	11.4	2.87	1.38	0.980E	0.619	5.57	3.13	2.20	1.15 B	16
17	0.690B	0.880B	2.45B	10.6	2.73	1.40	0.910E	0.589	4.72	3.18	2.23	1.11 B	17
18	0.690B	1.05 B	2.30B	9.75	2.59	1.36	0.920E	0.573	3.90	4.75	2.33	1.07 B	18
19	0.690B	1.30 B	2.15B	8.37	2.40	1.30	0.910E	0.601	3.27	6.46	2.35	1.03 B	19
20	0.690B	1.70 B	2.10B	7.36	2.21	1.26	0.875E	0.583	2.79	6.81	2.30	1.03 B	20
21	0.690B	2.10 B	2.05B	6.50	2.07	1.26	0.960E	0.560	2.44	7.55	2.18	1.06 B	21
22	0.690B	2.60 B	2.00B	5.87	1.97	1.39	1.12 E	0.543	2.16	7.31	2.07	1.06 B	22
23	0.690B	3.13 B	2.10B	5.52	1.85	1.44	0.990E	0.602	2.00	6.66	2.00B	1.04 B	23
24	0.690B	8.10 B	2.40B	5.83	1.79	1.66	0.875E	0.639	1.85	5.88	1.90B	0.998B	24
25	0.690B	10.1 B	2.90B	5.64	1.81	1.75	1.12 E	0.639	1.77	5.33	1.83	0.960B	25
26	0.700B	11.7 B	3.60B	5.31	1.93	1.99	1.48 E	0.577	1.71	5.07	1.90	0.940B	26
27	0.700B	13.8 B	4.60B	5.00	1.97	2.07	1.89 E	0.534	1.68	4.79	1.86	0.915B	27
28	0.695B	14.9	5.60B	4.70	1.97	1.97	1.58 E	0.556	1.66	4.48	1.84	0.900B	28
29	0.680B		7.68	4.73	1.92	1.96	0.760E	0.545	1.58	4.11	1.81	0.880B	29
30	0.670B		10.8	4.79	1.83	2.03	0.895E	0.547	1.50	3.82	1.76	0.865B	30
31	0.660B		13.2		1.74		0.670E	0.545		3.55		0.860B	31
TOTAL	21.580	82.310	168.43	384.57	84.53	46.32	42.125	18.528	83.607	132.82	70.57	37.828	TOTAL
MEAN	0.696	2.94	5.43	12.8	2.73	1.54	1.36	0.598	2.79	4.28	2.35	1.22	MEAN
MAX	0.730	14.9	14.0	28.6	4.52	2.07	2.21	0.670	7.68	7.55	3.35	1.79	MAX
MIN	0.660	0.630	2.00	4.70	1.74	1.26	0.670	0.534	0.787	1.54	1.76	0.860	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.21
MAXIMUM DAILY, 28.6 ON APR 5
MINIMUM DAILY, 0.534 ON AUG 27
MAXIMUM INSTANTANEOUS,
29.0 AT 13:04 EST ON APR 5

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 34 05 N
LONG 81 12 45 W
DRAINAGE AREA, 272 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 860	JUL	3 640
FEB	7 110	AUG	1 600
MAR	14 600	SEP	7 220
APR	33 200	OCT	11 500
MAY	7 300	NOV	6 100
JUN	4 000	DEC	3 270

TOTAL DISCHARGE, 101 000 dam³

WHITSON RIVER AT VAL CARON - STATION NO. 02CF008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.415B	0.313	7.89	10.1	2.21	0.844	1.52	0.173	0.331	0.816	1.79	0.945	1
2	0.407B	0.320	6.74	11.9	2.05	0.810	1.32	0.176	0.673	1.06	1.69	0.991	2
3	0.402B	0.320B	5.63	12.2	1.87	0.784	1.11	0.213	0.681	1.42	1.59	1.03	3
4	0.392B	0.320B	4.90	12.8	1.76	0.782	1.02	0.187	0.657	1.62	1.48	1.05	4
5	0.385B	0.317	4.25	15.2	1.62	0.733	0.978	0.221	0.905	1.69	1.44	1.06	5
6	0.374B	0.313	0.340B	14.7	1.63	0.672	0.976	0.221	0.966	1.75	1.47	1.01 B	6
7	0.370B	0.313	2.86	11.4	1.52	0.594	1.00	0.197	0.983	2.32	1.56	0.999	7
8	0.365B	0.310B	2.40	9.87	1.45	0.609	0.861	0.205	0.943	3.31	1.59	0.945B	8
9	0.369B	0.310B	2.10	10.2	1.36	0.708	0.673	0.184	0.973	3.94	1.58	0.915B	9
10	0.369B	0.318	1.94	11.0	1.23	0.653	0.567	0.284	1.57	3.47	1.52	0.882	10
11	0.365B	0.298	1.84	10.4	1.17	0.567	0.494	0.363	3.48	2.82	1.42	0.857	11
12	0.365B	0.349	1.69	8.60	1.46	0.549	0.434	0.280	6.25	2.34	1.33	0.833	12
13	0.335	0.353	1.60 B	7.13	1.55	0.557	0.388	0.293	5.99	2.00	1.30	0.797	13
14	0.325	0.362	1.50 B	6.48	1.55	0.529	0.367	0.338	5.42	1.79	1.29	0.791	14
15	0.330B	0.365	1.41	6.48	1.47	0.575	0.344	0.250	4.61	1.74	1.27	0.804	15
16	0.335B	0.371	1.32 B	6.31	1.41	0.675	0.293	0.236	3.66	1.81	1.23	0.801	16
17	0.340	0.414	1.24	5.99	1.39	0.617	0.275	0.254	2.77	1.81	1.21	0.780B	17
18	0.342	0.484	1.17	5.45	1.28	0.548	0.277	0.294	2.15	2.57	1.25	0.745	18
19	0.344	0.623	1.07	4.93	1.18	0.554	0.267	0.213	1.71	3.60	1.27	0.724	19
20	0.348	0.837	1.02	4.26	1.09	0.520	0.238	0.179	1.49	4.57	1.24	0.708	20
21	0.357	1.05	0.976	3.75	0.987	0.488	0.269	0.129	1.32	4.90	1.18	0.696	21
22	0.368	1.31	1.01	3.22	0.909	0.673	0.390	0.202	1.18	4.58	1.16	0.708	22
23	0.371	1.80	1.23	2.95	0.848	0.930	0.297	0.171	1.05	4.10	1.16	0.700B	23
24	0.376	3.44	1.71	3.10	0.822	0.854	0.231	0.206	0.945	3.53	1.08 B	0.682B	24
25	0.372	5.94	2.49	2.98	0.985	1.27	0.317	0.245	0.921	3.19	1.03 B	0.667B	25
26	0.393	8.52	3.12	2.86	1.13	1.45	0.483	0.213	0.933	2.94	0.997	0.653	26
27	0.398B	8.87	3.73	2.58	1.12	1.35	0.668	0.218	0.949	2.77	1.00	0.622	27
28	0.355	8.78	4.20	2.31	1.09	1.14	0.560	0.179	0.888	2.54	1.02	0.610B	28
29	0.340		4.71	2.38	0.998	1.16	0.221	0.184	0.820	2.36	0.992	0.602B	29
30	0.324		5.69	2.39	0.968	1.56	0.266	0.215	0.778	2.11	0.978	0.596B	30
31	0.317		7.79		0.909		0.199	0.293		1.93		0.588B	31
TOTAL	11.248	47.120	89.566	213.92	41.016	23.755	17.303	7.016	55.996	81.396	39.117	24.791	TOTAL
MEAN	0.363	1.68	2.89	7.13	1.32	0.792	0.558	0.226	1.87	2.63	1.30	0.800	MEAN
MAX	0.415	8.87	7.89	15.2	2.21	1.56	1.52	0.363	6.25	4.90	1.79	1.06	MAX
MIN	0.317	0.298	0.340	2.31	0.822	0.488	0.199	0.129	0.331	0.816	0.978	0.588	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.79
MAXIMUM DAILY, 15.2 ON APR 5
MINIMUM DAILY, 0.129 ON AUG 21
MAXIMUM INSTANTANEOUS,
16.2 AT 22:52 EST ON APR 5

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 37 20 N
LONG 81 00 30 W
DRAINAGE AREA, 155 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	972	JUL	1 490
FEB	4 070	AUG	606
MAR	7 740	SEP	4 840
APR	18 500	OCT	7 030
MAY	3 540	NOV	3 380
JUN	2 050	DEC	2 140

TOTAL DISCHARGE, 56 400 dam³

WILLOW CREEK ABOVE LITTLE LAKE - STATION NO. 02ED009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.510B	0.390B	2.55	2.47	0.353	0.300	0.286	0.068	0.593	0.409	0.650	1.04	1
2	0.500B	0.380B	2.03	1.86	0.321	0.237	0.210	0.050	0.611	0.533	0.617	1.18	2
3	0.495B	0.370B	1.62	1.31	0.309	0.209	0.161	0.045	0.477	0.497	0.580	1.24	3
4	0.490B	0.380B	1.25	1.13	0.271	0.282	0.135	0.054	2.10 E	0.404	0.554	1.05	4
5	0.480B	0.400B	0.994	1.03	0.278	0.279	0.200	0.476	3.93 E	0.397	0.474	0.912	5
6	0.475B	0.370B	0.898	0.858	0.290	0.231	0.250	0.183	2.34	1.89	0.570	0.789	6
7	0.470B	0.350B	0.808	0.691	0.288	0.176	0.186	0.110	1.64	4.15 E	0.638	0.685	7
8	0.460B	0.320B	0.837	0.578	0.244	0.159	0.140	0.122	1.23	3.05 A	0.634	0.582	8
9	0.450B	0.310B	0.980	0.585	0.217	0.200	0.123	0.291	0.892	1.64	0.528	0.500B	9
10	0.430B	0.305B	0.998	0.549	0.228	0.226	0.090	0.190	0.662	1.08	0.492	0.443	10
11	0.390B	0.320B	0.952	0.667	1.70	0.278	0.078	0.165	0.503	0.850	0.523	0.407	11
12	0.370B	0.761B	0.905	0.755	6.59	0.202	0.064	0.132	0.427	0.710	0.556	0.391	12
13	0.360B	1.19 B	0.884	0.582	3.96	0.185	0.055	0.096	0.349	0.597	0.582	0.385	13
14	0.340B	1.05 B	0.744	1.01	1.98	0.177	0.054	0.084	0.278	0.516	0.535	0.403	14
15	0.330B	0.920B	0.665	1.03	1.44	0.179	0.039	0.988	0.245	0.532	0.482	0.433	15
16	0.325B	0.840B	0.745	0.780	1.48	0.185	0.038	0.724	0.210	0.584	0.575	0.444	16
17	0.320B	1.10 B	0.609B	0.743	1.19	0.168	0.034	0.433	0.188	0.517	1.17	0.431	17
18	0.315B	1.77 B	0.500B	1.04	0.850	0.132	0.036	0.267	0.201	0.738	1.14	0.398	18
19	0.312B	4.12 B	0.452	0.821	0.705	0.113	0.040	0.183	0.177	1.23	1.21	0.335	19
20	0.310B	8.00 B	0.424	0.694	0.554	0.119	0.039	0.137	0.176	1.30	1.31	0.286	20
21	0.306B	13.7 B	0.492	0.539	0.454	0.117	0.046	0.107	0.197	0.902	2.25	0.261	21
22	0.302B	13.4 B	0.491	0.482	0.367	0.394	0.038	0.092	0.192	0.881	1.59	0.242B	22
23	0.301B	19.8	0.718	0.473	0.308	0.784	0.036	0.071	0.171	1.57	1.18	0.307	23
24	0.300B	12.3	0.893	0.536	0.298	0.457	0.034	0.107	0.156	1.85	1.01	0.332	24
25	0.330B	6.66	1.15	0.562	0.526	0.338	0.034	0.115	0.138	1.52	0.857	0.338	25
26	0.370B	4.97	1.22	0.479	0.303	0.294	0.026	0.092	0.154	1.55	0.719	0.335	26
27	0.480B	3.71	1.53	0.422	0.316	0.285	0.030	0.081	0.813	1.33	4.00	0.335	27
28	0.540B	3.02	1.41	0.421	0.390	0.164	0.056	0.103	0.670	1.15	3.23	0.320B	28
29	0.460B		1.53	0.500	0.381	0.145	0.187	0.792	0.573	0.880	1.91	0.310B	29
30	0.440B		2.11	0.434	0.379	0.364	0.151	0.825	0.437	0.788	1.30	0.300B	30
31	0.400B		4.83		0.429		0.094	0.501		0.710		0.378B	31
TOTAL	12.361	101.206	36.219	24.031	27.399	7.379	2.990	7.684	20.730	34.755	31.866	15.712	TOTAL
MEAN	0.399	3.61	1.17	0.801	0.884	0.246	0.096	0.248	0.691	1.12	1.06	0.507	MEAN
MAX	0.540	19.8	4.83	2.47	6.59	0.784	0.286	0.988	3.93	4.15	4.00	1.24	MAX
MIN	0.300	0.305	0.424	0.421	0.217	0.113	0.026	0.045	0.138	0.397	0.474	0.242	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.883
MAXIMUM DAILY, 19.8 ON FEB 23
MINIMUM DAILY, 0.026 ON JUL 26
MAXIMUM INSTANTANEOUS,
21.8 AT 23:15 EST ON FEB 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 25 29 N
LONG 79 38 39 W
DRAINAGE AREA, 94.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 070	JUL	258
FEB	8 740	AUG	664
MAR	3 130	SEP	1 790
APR	2 080	OCT	3 000
MAY	2 370	NOV	2 750
JUN	638	DEC	1 360

TOTAL DISCHARGE, 27 900 dam³

WILLOW CREEK AT NIDHURST - STATION NO. 02ED010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.783B	0.594	5.84	2.95	0.465	0.641	0.184	0.082	0.413	0.538	1.40	2.48	1
2	0.793	0.614	4.95	2.80	0.440	0.628	0.176	0.079	0.440	0.523	1.30	2.28	2
3	0.757	0.608	4.21	2.64	0.432	0.574	0.166	0.080	0.424	0.513	1.22	2.14	3
4	0.713	0.573	3.60	2.34	0.428	0.531	0.193	0.104	0.661	0.516	1.13	2.03	4
5	0.687	0.535	3.12	2.12	0.400	0.489	0.179	0.153	1.49	0.523	1.07	1.88	5
6	0.657B	0.523	2.66	1.84	0.394	0.434	0.131	0.202	1.80	0.754	0.986	1.69 E	6
7	0.622B	0.523	2.29	1.65	0.376	0.399	0.106	0.139	1.97	1.22	0.918	1.53	7
8	0.605	0.542	2.03	1.46	0.366	0.371	0.092	0.198	1.88	1.75	0.940	1.44	8
9	0.622B	0.537	1.81	1.27	0.363	0.355	0.084	0.198	1.76	1.98	0.914	1.29	9
10	0.620	0.510B	1.73	1.15	0.483	0.356	0.073	0.185	1.63	2.04	0.873	1.12	10
11	0.610	0.615B	1.66	1.06	1.38	0.347	0.063	0.194	1.45	1.99	0.852	1.12	11
12	0.602	0.660	1.55	1.04	2.56	0.326	0.054	0.192	1.25	1.80	0.840	1.02	12
13	0.580	0.640	1.43	0.972	2.99	0.309	0.049	0.185	1.14	1.64	0.815	0.933	13
14	0.568	0.699	1.32	0.967	2.87	0.295	0.043	0.204	1.01	1.50	0.794	0.857	14
15	0.556	0.778	1.26	0.998	2.67	0.284	0.037	0.368	0.867	1.36	0.777	0.809	15
16	0.550B	0.860B	1 15	1.01	2.40	0.271	0.036	0.344	0.780	1.23	0.829	0.786	16
17	0.547	1.02 B	1.08	1.02	2.14	0.260	0.035	0.358	0.685	1.15	0.964	0.769	17
18	0.549	1.21 B	1.05	1.03	1.82	0.246	0.042	0.307	0.657	1.15	1.04	0.734E	18
19	0.530B	1.64 B	0.877	1.08	1.54	0.233	0.044	0.316	0.649	1.28	1.19	0.684	19
20	0.540B	2.46	0.838	1.01	1.29	0.214	0.245E	0.323	0.610	1.41	1.43	0.638	20
21	0.553	4.25	0.785	0.932	1.05	0.206	0.238E	0.306	0.573	1.43	1.73	0.600	21
22	0.540B	7.05	0.708	0.878	0.856	0.257	0.046	0.307	0.521	1.45	2.00	0.579	22
23	0.550B	11.8	0.734	0.865	0.726	0.263	0.046	0.296	0.479	1.55	2.00	0.578	23
24	0.560	15.0	0.779	0.779	0.632	0.242	0.044	0.294	0.460	1.73	1.94	0.571	24
25	0.567	13.3	0.870	0.728	0.587	0.227	0.047	0.284	0.422	1.77	1.83 E	0.574	25
26	0.580B	11.0	1.02	0.724	0.559	0.216	0.050	0.271	0.427	1.87	1.70	0.567	26
27	0.629B	8.74	1.16	0.688	0.540	0.205	0.052	0.257	0.479	1.86	2.03	0.564	27
28	0.636B	7.06	1.31	0.574	0.523	0.199	0.079	0.278	0.482	1.83	2.46	0.568	28
29	0.637		1.47	0.537	0.489	0.190	0.105	0.377	0.531	1.77	2.73	0.555	29
30	0.616		1.92	0.502	0.509	0.189	0.088	0.390	0.508	1.66	2.65	0.561	30
31	0.603		2.69		0.512		0.081	0.394		1.52		0.576	31
TOTAL	18.962	94.341	57.901	37.618	32.790	9.757	2.904	7.661	26.448	43.307	41.352	32.523	TOTAL
MEAN	0.612	3.37	1.87	1.25	1.06	0.325	0.094	0.247	0.882	1.40	1.38	1.05	MEAN
MAX	0.793	15.0	5.84	2.95	2.99	0.641	0.245	0.394	1.97	2.04	2.73	2.48	MAX
MIN	0.530	0.510	0.708	0.502	0.363	0.189	0.035	0.079	0.413	0.513	0.777	0.555	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.11
MAXIMUM DAILY, 15.0 ON FEB 24
MINIMUM DAILY, 0.035 ON JUL 17
MAXIMUM INSTANTANEOUS,
15.3 AT 08:05 EST ON FEB 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 26 39 N
LONG 79 43 47 W
DRAINAGE AREA, 127 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 640	JUL	251
FEB	8 150	AUG	662
MAR	5 000	SEP	2 290
APR	3 250	OCT	3 740
MAY	2 830	NOV	3 570
JUN	843	DEC	2 810

TOTAL DISCHARGE, 35 000 dam³

WILMOT CREEK NEAR NEWCASTLE - STATION NO. 02HD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.410B	0.415B	1.64	1.96	0.885	0.748	1.11	0.468	0.678	0.659	1.06	1.03	1
2	0.405B	0.600B	1.44	1.63	0.827	0.668	0.778	0.487	0.695	0.713	1.05	1.18	2
3	0.400B	0.560B	1.05 B	1.39	0.806	0.701	0.633	0.502	0.718	0.673	1.02	1.13	3
4	0.400B	0.520B	1.01 B	1.27	0.814	0.735	0.570	0.557	2.16	0.641	0.966	1.04	4
5	0.399B	0.502B	0.919B	1.22	0.777	0.663	0.868	1.45	1.99	0.625	0.952	0.988	5
6	0.393B	0.480B	0.949B	1.09	0.788	0.625	0.731	0.723	2.19	1.24	1.10	0.917	6
7	0.388B	0.470B	1.07 B	0.991	0.762	0.579	0.552	0.622	1.38	1.23	1.16	0.885	7
8	0.385B	0.460B	1.26	0.970	0.744	0.571	0.437	0.647	1.13	0.950	1.02	0.914	8
9	0.384B	0.440B	1.28	1.01	0.753	0.589	0.424	0.718	1.01	0.809	0.951	0.877	9
10	0.384B	0.450B	1.27	0.961	0.894	0.631	0.341	0.667	0.834	0.767	0.890	0.860B	10
11	0.383B	1.80 B	1.27	0.984	1.44	0.718	0.357	0.855	0.789	0.729	0.876	0.850B	11
12	0.382B	1.35 B	1.13 B	0.968	1.75	0.629	0.366	0.931	0.722	0.728	0.873	0.840B	12
13	0.381B	1.25 B	1.05 B	0.907	1.19	0.636	0.330	0.711	0.704	0.734	0.864	0.828	13
14	0.380B	1.15 B	0.960B	1.80	1.04	0.632	0.301	0.623	0.673	0.731	0.856	0.839	14
15	0.380B	1.05 B	1.04	1.43	1.00	0.642	0.313	1.74	0.648	0.713	0.861	0.825B	15
16	0.379B	1.20 B	0.860B	1.14	0.944	0.618	0.297	1.41	0.622	0.696	1.12	0.820B	16
17	0.379B	2.00 B	0.820B	1.39	0.840	1.18 E	0.285	0.785	0.631	0.696	1.90	0.801	17
18	0.380B	4.00 B	0.800B	1.65	0.822	0.657	0.449	0.659	0.654	2.09	1.33	0.828	18
19	0.385B	6.93 B	0.750B	1.24	0.750	0.583	0.490	0.607	0.646	1.33	1.17	0.820B	19
20	0.387B	15.7 B	0.700B	1.10	0.698	0.578	0.710	0.563	0.616	0.986	1.48	0.820B	20
21	0.390B	8.78	0.720B	0.995	0.708	0.750E	0.601	0.507	0.628	0.937	1.92	0.820B	21
22	0.395B	4.18	0.990	0.963	0.640	1.50 E	0.476	0.532	0.839	1.47	1.47	0.910B	22
23	0.400B	6.30	1.05	1.06	0.616	0.886E	0.424	0.529	0.703	1.83	1.21	1.07 B	23
24	0.405B	4.74	1.04	1.26	0.633	0.687	0.392	0.631	0.639	1.25	1.12	0.950B	24
25	0.410B	2.55	1.04	1.17	0.662	0.652	0.346	0.548	0.632	1.08	1.02	0.880B	25
26	0.480B	1.98	1.02	1.04	0.713	0.561	0.389	0.538	0.685	1.19	0.967	0.850B	26
27	0.450B	1.68	1.04	0.951	0.751	0.505	0.350	0.558	0.716	1.87	1.60	0.845B	27
28	0.430B	1.76	1.03	0.905	1.40	0.514	0.694	0.558	0.651	2.38	1.34	0.840B	28
29	0.420B		1.05	0.995	1.11	0.467	0.923	0.648	0.657	1.38	1.16	0.835B	29
30	0.410B		1.67	0.950	1.00	0.464	0.657	0.605	0.652	1.21	1.04	0.830B	30
31	0.400B		2.27		0.925		0.513	0.686		1.12		0.820B	31
TOTAL	12.354	73.297	34.188	35.390	27.682	20.369	16.107	22.065	26.292	33.457	34.346	27.742	TOTAL
MEAN	0.399	2.62	1.10	1.18	0.893	0.679	0.520	0.712	0.876	1.08	1.14	0.895	MEAN
MAX	0.480	15.7	2.27	1.96	1.75	1.50	1.11	1.74	2.19	2.38	1.92	1.18	MAX
MIN	0.379	0.415	0.700	0.905	0.616	0.464	0.285	0.468	0.616	0.625	0.856	0.801	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.995
MAXIMUM DAILY, 15.7B ON FEB 20
MINIMUM DAILY, 0.285 ON JUL 17
MAXIMUM INSTANTANEOUS,
23.5B AT 16:30 EST ON FEB 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 55 47 N
LONG 78 37 06 W
DRAINAGE AREA, 82.6 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 070	JUL	1 390
FEB	6 330	AUG	1 910
MAR	2 950	SEP	2 270
APR	3 060	OCT	2 890
MAY	2 390	NOV	2 970
JUN	1 760	DEC	2 400

TOTAL DISCHARGE, 31 400 dam³

WILTON CREEK NEAR NAPANEE - STATION NO. 02HM004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.400B	0.202B	3.34	1.09	1.01	0.447	0.480	0.101	0.165	0.727	3.13	1.02 B	1
2	0.371B	0.200B	2.76	1.18	0.854	0.368	0.410	0.092	0.295	0.733	2.42	0.956B	2
3	0.349B	0.296B	1.85 B	1.12	0.778	0.334	0.341	0.079	0.594	0.721	1.92	1.02	3
4	0.335B	0.290B	1.52 B	1.08	0.734	0.321	0.288	0.068	1.23	0.672	1.54	0.935	4
5	0.325B	0.183B	1.44	1.16	0.676	0.293	0.268	0.112	5.59	0.621	1.33	0.864	5
6	0.316B	0.180B	1.28	1.22	0.650	0.262	0.217	0.070	5.36	0.641	1.85	0.790B	6
7	0.308B	0.178B	1.13	1.10	0.610	0.252	0.194	0.069	4.27	0.792	3.42	0.735B	7
8	0.300B	0.176B	1.13	1.00	0.562	0.263	0.171	0.074	4.19	0.864	3.18	0.666B	8
9	0.317B	0.174B	1.11	0.945	0.509	0.243	0.153	0.065	5.49	0.844	2.73	0.574B	9
10	0.301B	0.171B	1.05	0.894	0.480	0.230	0.128	0.074	7.63	0.798	2.20	0.525B	10
11	0.295B	1.00 B	0.999	0.810	0.976	0.207	0.098	0.101	13.6	0.744	1.86	0.537B	11
12	0.283B	4.10 B	0.969	0.807	2.47	0.211	0.089	0.126	10.4	0.662	1.67	0.535	12
13	0.278B	7.00 B	0.969	0.727	2.63	0.225	0.083	0.167	7.20	0.570	1.44	0.512	13
14	0.270B	6.50 B	0.894B	0.796	2.18	0.224	0.079	0.163	5.56	0.521	1.27	0.508	14
15	0.263B	5.80 B	0.801	1.19	1.68	0.231	0.086	0.282	4.18	0.503	1.20	0.497	15
16	0.256B	5.20 B	0.791	1.15	1.40	0.237	0.081	0.813	2.83	0.495	1.12	0.472	16
17	0.251B	8.00 B	0.723	1.03	1.22	0.219	0.073	0.973	2.02	0.491	1.06	0.467	17
18	0.246B	14.6 B	0.506B	1.54	0.961	0.179	0.090	0.925	1.65	0.553	1.08	0.418	18
19	0.240B	21.2 B	0.627B	1.70	0.772	0.138	0.086	0.724	1.36	0.700	0.999	0.363	19
20	0.236B	34.0 B	0.612B	1.51	0.682	0.136	0.115	0.546	1.15	0.685	1.02	0.340B	20
21	0.230B	24.0 B	0.574B	1.30	0.595	0.131	0.122	0.411	1.02	0.662	1.25	0.340B	21
22	0.225B	15.9	0.577	1.12	0.534	0.689	0.109	0.330	1.06	0.707	1.25	0.327	22
23	0.222B	11.1	0.605	1.08	0.493	1.94	0.103	0.271	1.04	1.38	1.12	0.333	23
24	0.218B	14.0	0.632	1.44	0.424	2.76	0.078	0.244	0.924	2.03	1.00	0.330	24
25	0.213B	11.0	0.627	1.76	0.443	2.44	0.071	0.198	0.797	1.96	0.893	0.334	25
26	0.210B	7.59	0.622	1.61	0.383	1.61	0.067	0.186	0.739	1.95	0.812	0.308	26
27	0.232B	5.40	0.621	1.38	0.368	1.06	0.066	0.169	0.813	3.06	1.12	0.298	27
28	0.221B	4.09	0.592	1.17	0.554	0.783	0.084	0.136	1.02	5.32	1.35	0.319	28
29	0.213B		0.585	1.17	0.632	0.633	0.115	0.118	0.868	5.55	1.25	0.311	29
30	0.210B		0.648	1.18	0.600	0.527	0.109	0.127	0.788	4.82	1.10	0.329	30
31	0.206B		1.01		0.568		0.116	0.153		4.01		0.335	31
TOTAL	8.340	202.530	31.594	35.259	27.428	17.593	4.570	7.967	93.833	44.786	47.584	16.298	TOTAL
MEAN	0.269	7.23	1.02	1.18	0.885	0.586	0.147	0.257	3.13	1.44	1.59	0.526	MEAN
MAX	0.400	34.0	3.34	1.76	2.63	2.76	0.480	0.973	13.6	5.55	3.42	1.02	MAX
MIN	0.206	0.171	0.506	0.727	0.368	0.131	0.066	0.065	0.165	0.491	0.812	0.298	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.87
MAXIMUM DAILY, 34.0B ON FEB 20
MINIMUM DAILY, 0.065 ON AUG 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 19 22 N
LONG 76 50 56 W
DRAINAGE AREA, 112 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	721	JUL	395
FEB	17 500	AUG	688
MAR	2 730	SEP	8 110
APR	3 050	OCT	3 870
MAY	2 370	NOV	4 110
JUN	1 520	DEC	1 410

TOTAL DISCHARGE, 46 500 dam³

WINDIGO RIVER ABOVE MUSKRAT DAM LAKE - STATION NO. 04CB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	48.8B	40.2B	33.7B	31.1B	49.5	83.3	125	73.5	48.6	78.1	102	91.5B	1
2	48.5B	40.0B	33.5B	31.2B	52.9	85.5	123	70.4	52.0	81.2	102	90.5B	2
3	48.2B	39.7B	33.3B	31.3B	54.5	86.8	115	70.5	53.8	84.0	102	89.5B	3
4	47.9B	39.4B	33.1B	31.5B	54.3	88.6	113	69.5	51.0	84.7	103	88.5B	4
5	47.6B	39.0B	33.0B	31.7B	55.3	90.0	111	68.8	52.5	84.7	102	87.5B	5
6	47.3B	38.7B	32.9B	31.8B	56.8	93.7	106	67.7	53.6	84.7	102	86.5B	6
7	47.0B	38.4B	32.8B	32.1B	59.5	98.1	106	67.2	55.9	86.0	103	85.5B	7
8	46.7B	38.0B	32.7B	32.3B	59.5	97.9	105	65.1	56.3	86.9	98.7	84.0B	8
9	46.5B	37.7B	32.5B	32.6B	60.8	98.0	109	63.5	59.4	89.1	98.6	83.0B	9
10	46.2B	37.4B	32.4B	32.9B	63.2	98.7	102	64.0	60.4	91.1	98.7	82.0B	10
11	45.9B	37.2B	32.3B	33.2B	64.6	98.5	98.1	65.6	62.4	92.4	99.2	80.5B	11
12	45.6B	36.9B	32.2B	33.7B	66.6	98.0	97.5	61.9	61.5	92.8	101	80.0B	12
13	45.4B	36.7B	32.1B	34.0B	68.2	98.0	93.5	62.9	60.3	96.4	101	79.0B	13
14	45.2B	36.4B	32.0B	34.4B	69.2	95.9	91.6	63.7	59.6	95.5	102	78.0B	14
15	45.0B	36.2B	32.0B	35.0B	66.6	98.1	91.7	57.7	58.2	92.0	102	77.0B	15
16	44.8B	36.0B	31.9B	35.4B	68.6	105	89.8	60.4	58.0	94.7	102	76.0B	16
17	44.6B	35.8B	31.8B	35.9B	71.3	111	88.8	62.1	62.2	93.1	103	75.0B	17
18	44.3B	35.6B	31.7B	36.5B	72.8	115	88.2	60.2	63.2	85.2	102	74.0B	18
19	44.0B	35.4B	31.6B	37.2B	73.6	113	85.8	59.9	57.9	94.3	102	73.0B	19
20	43.7B	35.2B	31.5B	37.8B	74.4	118	80.0	59.2	56.5	94.1	102	72.0B	20
21	43.3B	35.0B	31.5B	38.5B	75.4	120	81.3	59.4	58.7	95.7	101 B	71.0B	21
22	43.0B	34.9B	31.4B	39.3B	73.2	120	81.1	59.7	61.0	95.7	100 B	70.5B	22
23	42.7B	34.8B	31.3B	40.0B	69.1	121	80.5	56.0	64.1	95.9	99.5B	69.5B	23
24	42.4B	34.6B	31.3B	40.6B	72.3	123	80.8	54.8	64.2	96.1	98.5B	69.0B	24
25	42.2B	34.4B	31.2B	41.8B	74.2	123	74.5	55.3	60.4	96.2	97.5B	68.0B	25
26	41.9B	34.2B	31.1B	42.7B	75.7	121	72.8	53.7	60.2	96.9	97.0B	67.0B	26
27	41.6B	34.0B	31.1B	43.8B	77.9	125	73.0	52.9	60.1	97.8	96.0B	66.0B	27
28	41.3B	33.9B	31.1B	45.3	76.8	126	73.5	54.0	62.2	97.7	94.5B	65.5B	28
29	41.0B		31.0B	46.3	75.4	122	74.3	55.0	73.1	98.3	93.5B	64.5B	29
30	40.7B		31.0B	47.4	77.5	125	72.8	52.2	76.8	98.7	92.5B	64.0B	30
31	40.5B		31.0B		79.2		72.9	51.0		102		63.5B	31
TOTAL	1 383.8	1 025.7	992.0	1 097.3	2 088.9	3 197.1	2 857.5	1 897.8	1 784.1	2 852.0	2 998.2	2 371.5	TOTAL
MEAN	44.6	36.6	32.0	36.6	67.4	107	92.2	61.2	59.5	92.0	99.9	76.5	MEAN
MAX	48.8	40.2	33.7	47.4	79.2	126	125	73.5	76.8	102	103	91.5	MAX
MIN	40.5	33.9	31.0	31.1	49.5	83.3	72.8	51.0	48.6	78.1	92.5	63.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 67.2
MAXIMUM DAILY, 126 ON JUN 28
MINIMUM DAILY, 31.0B ON MAR 29
MAXIMUM INSTANTANEOUS,
135 AT 00:52 EST ON JUN 28

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 20 55 N
LONG 91 47 30 W
DRAINAGE AREA, 10 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	120 000	JUL	247 000
FEB	88 600	AUG	164 000
MAR	85 700	SEP	154 000
APR	94 800	OCT	246 000
MAY	180 000	NOV	259 000
JUN	276 000	DEC	205 000

TOTAL DISCHARGE, 2 120 000 dam³

WINISK RIVER BELOW ASHEWEIG RIVER TRIBUTARY - STATION NO. 04DC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	232B	178B	147B	111B	304B	1 040	648	329	183E	---	---	---	1
2	230B	177B	147B	111B	327	1 030	632	327	180E	---	---	---	2
3	228B	175B	146B	112B	337	1 010	623	327	177E	---	---	---	3
4	227B	173B	145B	112B	364	975	610	319	173E	---	---	---	4
5	226B	171B	143B	113B	398	945	589	309	168E	---	---	---	5
6	225B	168B	142B	113B	449	922	571	304	165E	---	---	---	6
7	223B	166B	141B	114B	547	914	566	300	166E	---	---	---	7
8	221B	164B	139B	115B	759	895	553	301	169E	---	---	---	8
9	220B	162B	138B	116B	781	884	542	299	176E	---	---	---	9
10	219B	159B	137B	117B	930E	871	536	303	179E	---	---	---	10
11	218B	157B	136B	119B	1 100E	854	531	296	182E	---	---	---	11
12	216B	154B	134B	121B	1 300E	841	516	291	181E	---	---	---	12
13	214B	153B	133B	123B	1 530E	826	500	288	179E	---	---	---	13
14	212B	151B	131B	125B	1 870E	804	489	278	177E	---	---	---	14
15	210B	149B	129B	127B	2 070E	788	472	267	178E	---	---	---	15
16	209B	147B	127B	130B	2 230E	802	455	270	180E	---	---	---	16
17	207B	147B	127B	132B	2 290E	829	446	255	182E	---	---	---	17
18	204B	148B	125B	136B	2 250E	832	436	245E	185E	---	---	---	18
19	203B	150B	124B	140B	1 980	834	426	238E	189E	---	---	---	19
20	201B	152B	123B	145B	1 480	841	426	233E	191E	---	---	---	20
21	200B	153B	121B	149B	1 340	822	414	229E	195E	---	---	---	21
22	198B	154B	119B	153B	1 300	804	395	224E	199E	---	---	---	22
23	197B	154B	118B	161B	1 270	792	386	219E	202E	---	---	---	23
24	195B	153B	117B	169B	1 240	774	379	214E	207E	---	---	---	24
25	193B	152B	115B	176B	1 220	751	371	209E	214E	---	---	---	25
26	191B	151B	114B	189B	1 180	737	365	203E	224E	---	---	---	26
27	188B	150B	112B	204B	1 130	720	356	199E	257	---	---	---	27
28	187B	149B	112B	222B	1 050	704	343	195E	329E	---	---	---	28
29	185B		112B	248B	1 020	691	332	191E	---	---	---	---	29
30	183B		111B	275B	1 020	674	327	186E	---	---	---	---	30
31	181B		111B		1 030		331	185E		---	---	---	31
TOTAL	6 443	4 417	3 976	4 378	36 096	25 206	14 566	8 033	---	---	---	---	TOTAL
MEAN	208	158	128	146	1 160	840	470	259	---	---	---	---	MEAN
MAX	232	178	147	275	2 290	1 040	648	329	---	---	---	---	MAX
MIN	181	147	111	111	304	674	327	185	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2 290E ON MAY 17
MINIMUM DAILY, 111B ON MAR 30

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 31 00 N
LONG 87 14 00 W
DRAINAGE AREA, 50 000 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	557 000	JUL	1 260 000
FEB	382 000	AUG	694 000
MAR	344 000	SEP	---
APR	378 000	OCT	---
MAY	3 120 000	NOV	---
JUN	2 180 000	DEC	---

WINNIPEG RIVER ABOVE BOUNDARY FALLS - STATION NO. 05PF051

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	299.204E	299.907	299.677	299.457	299.890	---	---	1
2	---	---	---	---	---	299.255E	299.907	299.606	299.475	300.000	---	---	2
3	---	---	---	---	---	299.270E	300.000	299.589	299.516	299.951	---	---	3
4	---	---	---	---	---	299.210E	299.984	299.673	299.557	299.878	---	---	4
5	---	---	---	---	---	299.305E	299.993	299.714	299.604	299.979	---	---	5
6	---	---	---	---	---	299.320E	300.018	299.641	299.637	299.998	---	---	6
7	---	---	---	---	---	299.345E	300.065	299.590	299.622	300.027	---	---	7
8	---	---	---	---	---	299.310E	300.052	299.505	299.465	300.065	---	---	8
9	---	---	---	---	---	299.325E	300.103	299.423	299.446	300.040	---	---	9
10	---	---	---	---	---	299.297A	300.076	299.419	299.486	300.047	---	---	10
11	---	---	---	---	---	299.277	300.031	299.452	299.611	299.979	---	---	11
12	---	---	---	---	---	299.280	299.984	299.516	299.739	299.956	---	---	12
13	---	---	---	---	---	299.277	299.996	299.538	299.702	300.016	---	---	13
14	---	---	---	---	---	299.311	299.957	299.531	299.755	300.002	---	---	14
15	---	---	---	---	---	299.416	299.851	299.476	299.832	300.044	---	---	15
16	---	---	---	---	---	299.406	299.831	299.459	299.880	300.048	---	---	16
17	---	---	---	---	---	299.419	299.862	299.476	299.889	300.056	---	---	17
18	---	---	---	---	---	299.424	299.854	299.494	299.856	300.060	---	---	18
19	---	---	---	---	---	299.453	299.785	299.529	299.780	300.139	---	---	19
20	---	---	---	---	---	299.449	299.859	299.568	299.829	300.090	---	---	20
21	---	---	---	---	---	299.514	299.841	299.689	299.798	300.094	---	---	21
22	---	---	---	---	---	299.564	299.790	299.578	299.803	300.094	---	---	22
23	---	---	---	---	---	299.600	299.793	299.432	299.797	300.104	---	---	23
24	---	---	---	---	---	299.665	299.786	299.377	299.781	300.095	---	---	24
25	---	---	---	---	---	299.841	299.729	299.369	299.788	300.063	---	---	25
26	---	---	---	---	---	299.822	299.689	299.420	299.707	300.099	---	---	26
27	---	---	---	---	---	299.820	299.672	299.446	299.742	300.007A	---	---	27
28	---	---	---	---	---	299.921	299.683	299.480	299.776	300.020E	---	---	28
29	---		---	---	---	299.980	299.674	299.495	299.777	299.993E	---	---	29
30	---		---	---	---	299.982	299.681	299.464	299.731	300.014E	---	---	30
31	---		---		---		299.683	299.404		300.047E		---	31
MEAN	---	---	---	---	---	299.475	299.875	299.517	299.695	300.029	---	---	MEAN
MAX	---	---	---	---	---	299.982	300.103	299.714	299.889	300.139	---	---	MAX
MIN	---	---	---	---	---	299.204	299.672	299.369	299.446	299.878	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 12 37 N
LONG 95 05 30 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA, 126 000 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

WINNIPEG RIVER AT MINAKI - STATION NO. 05PE009

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	316.08	316.08	316.03	316.03	316.05	316.05	316.05	316.02	316.05	316.05	316.06	316.10	1
2	316.04	316.08	316.08	316.03	316.03	316.08	316.04	316.03	316.04	316.03	316.03	316.07	2
3	316.08	316.09	316.08	316.05	316.05	316.08	316.02	316.02	316.04	316.04	316.00	316.08	3
4	316.08	316.06	316.06	316.05	316.04	316.07	316.05	316.01	316.02	316.07	316.02	316.08	4
5	316.10	316.10	316.06	316.08	316.03	316.08	316.07	315.96	316.02	316.06	316.02	316.07	5
6	316.06	316.08	316.07	316.08	316.04	316.05	316.08	316.01	316.02	316.06	316.05	316.06	6
7	316.08	316.10	316.04	316.08	316.05	316.05	316.06	316.03	316.04	316.05	316.04	316.05	7
8	316.05	316.07	316.08	316.08	316.06	316.08	316.08	316.03	316.03	316.03	316.07	316.09	8
9	316.08	316.10	316.10	316.08	316.07	316.07	316.05	316.08	316.06	316.01	316.02	316.00	9
10	316.05	316.08	316.10	316.05	316.05	316.07	316.06	316.05	316.03	316.02	316.01	316.02	10
11	316.06	316.08	316.07	316.05	316.08	316.07	316.04	316.06	316.08	316.05	315.98	316.10	11
12	316.10	316.04	316.06	316.06	316.09	316.07	316.03	316.03	316.04	316.05	316.00	316.06	12
13	316.05	316.08	316.09	316.08	316.08	316.06	316.01	316.04	316.07	316.06	316.02	316.05	13
14	316.10	316.05	316.07	316.05	316.07	316.03	315.99	316.06	316.06	316.06	316.05	316.05	14
15	316.06	316.08	316.07	316.06	316.06	316.07	316.06	316.03	316.01	316.06	316.05	316.02	15
16	316.10	316.07	316.08	316.04	316.05	316.07	316.07	316.03	316.01	316.06	316.08	316.02	16
17	316.07	316.07	316.02	316.08	316.07	316.05	316.08	316.02	315.99	316.07	316.08	316.00	17
18	316.09	316.08	316.02	316.04	316.08	316.06	316.05	316.03	315.99	316.05	316.08	316.02	18
19	316.04	316.08	316.02	316.06	316.07	316.05	316.09	316.02	316.01	316.02	316.05	315.99	19
20	316.06	316.08	316.03	316.05	316.06	316.07	316.07	316.02	316.01	316.06	316.05	316.02	20
21	316.08	316.08	316.10	316.05	316.07	316.08	316.09	315.96	316.01	316.04	316.08	316.05	21
22	316.06	316.08	316.08	316.06	316.04	316.11	316.09	315.93	316.01	316.03	316.05	316.07	22
23	316.06	316.10	316.05	316.08	316.06	316.08	316.08	315.97	316.01	316.01	316.06	316.06	23
24	316.08	316.08	316.05	316.08	316.05	316.11	316.08	316.01	316.02	315.99	316.05	316.07	24
25	316.08	316.01	316.05	316.09	316.05	316.07	316.09	316.02	316.02	315.99	316.07	316.07	25
26	316.08	316.00	316.08	316.09	316.06	316.08	316.08	316.02	316.05	315.96	316.05	316.08	26
27	316.10	316.07	316.08	316.09	316.07	316.07	316.08	316.01	316.06	315.97	316.08	316.05	27
28	316.08	316.08	316.06	316.10	316.07	316.10	316.08	316.02	316.03	316.03	316.08	316.05	28
29	316.05		316.08	316.07	316.08	316.07	316.06	316.00	316.05	316.07	316.07	316.08	29
30	316.09		316.09	316.07	316.07	316.05	316.05	316.01	316.05	316.03	316.07	316.05	30
31	316.08		316.05		316.06		316.05	316.02		316.06		316.03	31
MEAN	316.07	316.07	316.06	316.07	316.06	316.07	316.06	316.02	316.03	316.04	316.05	316.05	MEAN
MAX	316.10	316.10	316.10	316.10	316.09	316.11	316.09	316.08	316.08	316.07	316.08	316.10	MAX
MIN	316.04	316.00	316.02	316.03	316.03	316.03	315.99	315.93	315.99	315.96	315.98	315.99	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 316.05
MAXIMUM DAILY, 316.11 ON JUN 22
MINIMUM DAILY, 315.93 ON AUG 22

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 59 15 N
LONG 94 39 45 W
DATA CONTRIBUTED BY - ONTARIO HYDRO

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WINNIPEG RIVER AT WHITEDOG FALLS POWERHOUSE - STATION NO. 05PE010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	515	404	306	200	175	96.0	291	254	151	236	321	370	1
2	358	398	261	127	171	108	343	188	149	335	329	363	2
3	399	454	400	227	87.5	141	428	266	186	250	323	356	3
4	397	384	320	112	165	128	325	334	113	265	301	357	4
5	516	439	335	139	110	177	359	207	193	347	303	285	5
6	430	309	399	217	108	210	333	169	175	333	282	367	6
7	429	481	239	224	97.8	188	426	182	261	328	294	379	7
8	409	393	258	141	115	175	411	153	123	264	299	373	8
9	434	431	362	237	163	171	382	115	158	251	291	433	9
10	422	484	339	220	48.1	195	400	197	132	255	365	326	10
11	329	429	345	165	95.3	175	283	198	266	265	285	389	11
12	511	336	253	165	92.8	174	289	205	200	259	301	413	12
13	379	484	231	229	184	222	282	183	228	280	267	362	13
14	446	374	320	242	151	226	238	225	315	254	272	372	14
15	383	464	215	188	149	264	235	187	225	252	282	405	15
16	449	372	423	166	116	291	291	197	328	245	299	341	16
17	374	425	223	225	110	249	284	150	242	293	325	365	17
18	511	366	233	177	110	290	268	207	195	258	283	443	18
19	425	476	276	171	123	299	276	171	207	269	377	349	19
20	361	399	195	178	110	254	314	295	224	229	236	287	20
21	485	459	268	178	158	192	247	229	244	229	274	335	21
22	431	352	319	189	106	305	361	71.7	238	243	336	356	22
23	335	508	319	193	128	300	308	81.1	213	272	290	356	23
24	443	508	214	107	127	377	276	128	226	262	325	340	24
25	404	453	236	169	128	405	217	138	205	231	305	387	25
26	368	281	316	165	112	329	219	183	248	229	259	350	26
27	476	291	253	171	108	306	224	138	267	225	304	345	27
28	432	300	278	199	85.8	481	221	161	259	229	307	371	28
29	383		170	203	131	303	217	126	230	228	301	397	29
30	431		377	212	127	394	201	128	209	266	293	396	30
31	456		269		118		237	137		257		332	31
TOTAL	13 121	11 454	8 952	5 536	3 810.3	7 425.0	9 086	5 602.8	6 406	8 139	9 029	11 300	TOTAL
MEAN	423	409	289	185	123	248	293	181	214	263	301	365	MEAN
MAX	516	508	423	242	188	481	428	334	324	347	377	443	MAX
MIN	329	281	170	107	48.1	96.0	201	71.7	113	225	236	285	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 274
MAXIMUM DAILY, 516 ON JAN 5
MINIMUM DAILY, 48.1 ON MAY 10

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 07 00 N
LONG 94 52 15 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 130 000	JUL	785 000
FEB	990 000	AUG	484 000
MAR	773 000	SEP	553 000
APR	478 000	OCT	703 000
MAY	329 000	NOV	780 000
JUN	642 000	DEC	976 000

TOTAL DISCHARGE, 8 620 000 dam³

WINNIPEG RIVER AT WHITEDOG INDIAN RESERVE - STATION NO. 05PE021

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	299.170E	299.927E	299.673	299.440	299.893	---	---	1
2	---	---	---	---	---	299.225E	299.927E	299.598	299.441	299.997	---	---	2
3	---	---	---	---	---	299.241E	300.027E	299.580	299.507	299.945	---	---	3
4	---	---	---	---	---	299.176E	300.010E	299.677	299.532	299.875	---	---	4
5	---	---	---	---	---	299.279E	300.020E	299.703	299.577	299.988	---	---	5
6	---	---	---	---	---	299.295E	300.047E	299.634	299.618	300.012	---	---	6
7	---	---	---	---	---	299.322E	300.098E	299.575	299.611	300.033	---	---	7
8	---	---	---	---	---	299.284E	300.084E	299.492	299.434	300.062	---	---	8
9	---	---	---	---	---	299.300E	300.139E	299.401	299.418	300.035	---	---	9
10	---	---	---	---	---	299.313A	300.110E	299.400	299.456	300.049	---	---	10
11	---	---	---	---	---	299.248E	300.061E	299.434	299.605	299.975	---	---	11
12	---	---	---	---	---	299.251E	300.010E	299.504	299.726	299.949	---	---	12
13	---	---	---	---	---	299.248E	300.023E	299.514	299.693	300.021	---	---	13
14	---	---	---	---	---	299.285E	299.981E	299.518	299.756	300.014	---	---	14
15	---	---	---	---	---	299.398E	299.867E	299.458	299.634	300.053	---	---	15
16	---	---	---	---	---	299.390A	299.842A	299.442	299.889	300.054	---	---	16
17	---	---	---	---	---	299.400	299.878	299.454	299.892	300.073	---	---	17
18	---	---	---	---	---	299.448A	299.860	299.478	299.858	300.082	---	---	18
19	---	---	---	---	---	299.437E	299.787	299.510	299.781	300.142	---	---	19
20	---	---	---	---	---	299.433E	299.869	299.558	299.831	300.101	---	---	20
21	---	---	---	---	---	299.503E	299.846	299.678	299.794	300.106	---	---	21
22	---	---	---	---	---	299.557E	299.789	299.552	299.791	300.114	---	---	22
23	---	---	---	---	---	299.596E	299.791	299.403	299.787	300.122	---	---	23
24	---	---	---	---	---	299.666E	299.793	299.348	299.773	300.133	---	---	24
25	---	---	---	---	---	299.856E	299.731	299.343	299.777	300.074	---	---	25
26	---	---	---	---	---	299.835E	299.686	299.401	299.692	300.113	---	---	26
27	---	---	---	---	---	299.833E	299.665	299.424	299.758	299.996A	---	---	27
28	---	---	---	---	---	299.942E	299.676	299.461	299.772	300.010E	---	---	28
29	---		---	---	---	300.006E	299.668	299.473	299.769	299.981E	---	---	29
30	---		---	---	---	300.008E	299.671	299.435	299.719	300.004E	---	---	30
31	---		---		---		299.689	299.383		300.035E		---	31
MEAN	---	---	---	---	---	299.465	299.889	299.500	299.684	300.034	---	---	MEAN
MAX	---	---	---	---	---	300.008	300.139	299.703	299.892	300.142	---	---	MAX
MIN	---	---	---	---	---	299.170	299.665	299.343	299.418	299.875	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 07 50 N
LONG 94 54 50 W

A - MANUAL GAUGE
E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

WINNIPEG RIVER BELOW KENORA POWERHOUSE - STATION NO. 05PE001

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	317.17	317.18	317.01	316.65	316.52	316.62	316.70	316.66	316.56	316.76	316.85	317.04	1
2	317.17	317.18	317.01	316.62	316.51	316.64	316.97	316.66	316.54	316.76	316.83	317.04	2
3	317.18	317.19	317.02	316.62	316.53	316.63	317.06	316.65	316.54	316.74	316.83	317.06	3
4	317.18	317.18	317.02	316.61	316.53	316.63	317.07	316.65	316.54	316.75	316.82	317.07	4
5	317.18	317.18	317.02	316.62	316.48	316.62	317.07	316.61	316.52	316.77	316.83	317.08	5
6	317.18	317.19	317.02	316.60	316.51	316.62	317.07	316.65	316.55	316.76	316.84	317.08	6
7	317.19	317.19	317.02	316.59	316.52	316.61	317.08	316.60	316.58	316.75	316.85	317.08	7
8	317.19	317.19	317.02	316.57	316.52	316.68	317.08	316.63	316.56	316.72	316.86	317.09	8
9	317.19	317.19	317.03	316.60	316.52	316.69	317.07	316.63	316.56	316.70	316.83	317.10	9
10	317.19	317.19	316.96	316.60	316.52	316.69	317.00	316.63	316.59	316.68	316.83	317.10	10
11	317.18	317.18	316.83	316.60	316.59	316.68	316.90	316.63	316.65	316.72	316.82	317.10	11
12	317.19	317.17	316.80	316.59	316.64	316.68	316.89	316.62	316.66	316.71	316.82	317.08	12
13	317.18	317.18	316.80	316.59	316.63	316.69	316.87	316.62	316.67	316.70	316.82	317.08	13
14	317.19	317.18	316.80	316.58	316.62	316.71	316.84	316.62	316.66	316.73	316.82	317.08	14
15	317.16	317.18	316.80	316.57	316.62	316.73	316.85	316.60	316.64	316.73	316.83	317.07	15
16	317.18	317.18	316.80	316.57	316.62	316.77	316.87	316.60	316.63	316.74	316.84	317.06	16
17	317.19	317.18	316.78	316.57	316.61	316.79	316.87	316.57	316.62	316.75	316.84	317.07	17
18	317.19	317.18	316.78	316.57	316.62	316.82	316.86	316.57	316.62	316.76	316.85	317.06	18
19	317.19	317.19	316.78	316.56	316.62	316.81	316.86	316.57	316.62	316.73	316.86	317.06	19
20	317.18	317.18	316.78	316.57	316.62	316.82	316.87	316.55	316.62	316.74	316.85	317.06	20
21	317.17	317.18	316.80	316.58	316.62	316.83	316.86	316.47	316.62	316.74	316.85	317.06	21
22	317.17	317.18	316.80	316.58	316.60	316.86	316.88	316.51	316.62	316.74	316.86	317.08	22
23	317.17	317.19	316.79	316.60	316.62	316.86	316.87	316.53	316.61	316.74	316.86	317.08	23
24	317.18	317.13	316.78	316.57	316.62	316.89	316.83	316.52	316.63	316.72	316.86	317.08	24
25	317.18	317.09	316.80	316.56	316.62	316.88	316.73	316.54	316.63	316.72	316.86	317.08	25
26	317.18	317.02	316.80	316.56	316.62	316.88	316.72	316.54	316.65	316.72	316.86	317.08	26
27	317.18	317.01	316.76	316.58	316.62	316.87	316.70	316.54	316.69	316.72	316.87	317.09	27
28	317.18	317.01	316.76	316.56	316.62	316.89	316.69	316.53	316.66	316.71	316.89	317.09	28
29	317.17		316.76	316.56	316.64	316.88	316.66	316.53	316.65	316.71	316.88	317.09	29
30	317.19		316.76	316.55	316.64	316.88	316.68	316.51	316.62	316.77	317.15	317.08	30
31	317.18		316.75		316.63		316.69	316.55		316.84		317.10	31
MEAN	317.18	317.16	316.86	316.59	316.59	316.76	316.88	316.58	316.61	316.74	316.86	317.08	MEAN
MAX	317.19	317.19	317.03	316.65	316.64	316.89	317.08	316.66	316.69	316.84	317.15	317.10	MAX
MIN	317.16	317.01	316.75	316.55	316.48	316.61	316.66	316.47	316.52	316.68	316.82	317.04	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 316.82
MAXIMUM DAILY, 317.19 ON JAN 7
MINIMUM DAILY, 316.47 ON AUG 21

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 46 20 N
LONG 94 30 10 W

REGULATED

WATER LEVELS ARE REFERRED TO LAKE OF THE WOODS DATUM
APPLY -0.177 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

WINNIPEG RIVER BELOW LAKE OF THE WOODS OUTLETS - STATION NO. 05PE020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	423	421	334	166	120	116	200	227	139	258	310	355	1
2	424	421	338	184	121	116	362	227	140	258	310	356	2
3	423	421	341	175	120	117	369	227	139	258	311	355	3
4	421	422	341	175	117	113	369	228	140	257	312	366	4
5	421	427	341	175	101	155	370	228	140	254	310	368	5
6	424	429	341	170	116	178	367	185	141	254	310	368	6
7	424	427	341	168	114	178	370	179	141	255	310	368	7
8	424	430	341	144	113	168	369	178	142	255	309	367	8
9	423	427	338	176	113	168	369	179	142	256	313	369	9
10	423	425	301	176	114	168	332	178	226	255	310	369	10
11	423	422	296	175	110	169	322	179	227	255	311	368	11
12	422	424	287	169	111	169	322	178	227	256	312	368	12
13	422	419	285	166	112	212	318	179	226	256	311	368	13
14	425	425	284	166	112	219	316	174	226	255	310	368	14
15	420	425	284	167	112	225	316	173	226	255	310	368	15
16	424	425	284	167	112	213	316	174	227	256	309	368	16
17	425	424	284	171	113	243	315	174	229	252	307	368	17
18	425	424	284	171	113	275	315	172	228	252	306	368	18
19	423	422	283	156	113	277	315	172	227	255	305	369	19
20	423	424	283	166	113	277	314	146	227	253	300	368	20
21	421	424	283	174	113	276	312	143	227	255	313	368	21
22	424	424	282	173	113	281	312	142	227	253	313	364	22
23	425	424	284	169	113	282	313	142	227	257	313	367	23
24	425	382	284	148	113	284	215	142	226	257	313	366	24
25	423	362	284	146	113	285	235	141	227	257	313	366	25
26	422	347	260	146	114	287	235	142	227	257	312	367	26
27	420	335	268	145	114	288	236	142	225	254	316	367	27
28	424	334	268	146	114	287	227	142	226	255	318	367	28
29	436		267	146	113	288	227	142	196	257	320	366	29
30	422		268	146	114	311	186	143	220	314	357	368	30
31	421		244		114		227	141		311		385	31
TOTAL	13 125	11 516	9 203	4 922	3 518	6 625	9 371	5 319	5 988	8 032	9 374	11 373	TOTAL
MEAN	423	411	297	164	113	221	302	172	200	259	312	367	MEAN
MAX	436	430	341	184	121	311	370	228	229	314	357	385	MAX
MIN	420	334	244	144	101	113	186	141	139	252	300	355	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 269
MAXIMUM DAILY, 436 ON JAN 29
MINIMUM DAILY, 101 ON MAY 5

TYPE OF GAUGE -
LOCATION - LAT 49 47 00 N
LONG 94 30 50 W
DRAINAGE AREA, 70 400 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 130 000	JUL	810 000
FEB	995 000	AUG	460 000
MAR	795 000	SEP	517 000
APR	425 000	OCT	694 000
MAY	304 000	NOV	810 000
JUN	572 000	DEC	983 000

TOTAL DISCHARGE, 8 500 000 dam³

REMARKS - DAILY DISCHARGES OBTAINED BY SUMMATION OF FLOWS THROUGH ALL LAKE OF THE WOODS OUTLETS

WINNIPEG RIVER BELOW NORMAN DAM AND POWERHOUSE - STATION NO. 05PE012

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	317.100	317.122	316.858	316.614	316.514	316.502	316.711	316.668	316.530	316.742	316.826	316.919	1
2	317.094	317.120	316.874	316.577	316.481	316.513	316.752	316.668	316.509	316.713	316.825	316.926	2
3	317.110	317.123	316.891	316.587	316.506	316.518	316.884	316.667	316.525	316.705	316.810	316.916	3
4	317.116	317.118	316.880	316.578	316.506	316.508	316.903	316.655	316.510	316.731	316.801	316.920	4
5	317.113	317.137	316.888	316.594	316.479	316.540	316.913	316.635	316.495	316.738	316.816	316.924	5
6	317.103	317.146	316.883	316.582	316.492	316.574	316.923	316.629	316.529	316.737	316.819	316.931	6
7	317.102	317.154	316.863	316.579	316.496	316.571	316.919	316.584	316.560	316.718	316.824	316.931	7
8	317.095	317.148	316.883	316.548	316.506	316.578	316.928	316.591	316.533	316.701	316.843	316.934	8
9	317.099	317.152	316.895	316.579	316.516	316.570	316.922	316.604	316.538	316.685	316.818	316.929	9
10	317.095	317.145	316.867	316.590	316.494	316.568	316.906	316.612	316.595	316.689	316.810	316.909	10
11	317.094	317.128	316.811	316.589	316.511	316.560	316.865	316.600	316.683	316.698	316.794	316.916	11
12	317.104	317.118	316.796	316.576	316.527	316.557	316.857	316.598	316.678	316.708	316.787	316.916	12
13	317.092	317.131	316.795	316.589	316.520	316.590	316.845	316.583	316.692	316.715	316.791	316.912	13
14	317.102	317.124	316.779	316.575	316.501	316.629	316.830	316.592	316.693	316.713	316.813	316.907	14
15	317.098	317.125	316.783	316.554	316.502	316.653	316.841	316.579	316.665	316.714	316.821	316.900	15
16	317.098	317.122	316.783	316.542	316.495	316.638	316.851	316.562	316.655	316.712	316.839	316.897	16
17	317.097	317.123	316.764	316.590	316.494	316.685	316.859	316.547	316.635	316.723	316.847	316.898	17
18	317.100	317.119	316.764	316.580	316.499	316.697	316.858	316.559	316.632	316.740	316.850	316.895	18
19	317.085	317.126	316.766	316.573	316.509	316.723	316.866	316.547	316.647	316.710	316.844	316.877	19
20	317.082	317.116	316.764	316.555	316.496	316.734	316.872	316.524	316.646	316.718	316.830	316.882	20
21	317.089	317.125	316.789	316.558	316.494	316.750	316.861	316.452	316.641	316.713	316.846	316.906	21
22	317.086	317.127	316.789	316.586	316.482	316.773	316.865	316.432	316.636	316.709	316.848	316.922	22
23	317.083	317.135	316.773	316.603	316.508	316.776	316.861	316.467	316.629	316.709	316.844	316.923	23
24	317.091	317.058	316.763	316.586	316.512	316.796	316.824	316.493	316.645	316.687	316.843	316.925	24
25	317.094	316.915	316.779	316.573	316.502	316.789	316.746	316.513	316.647	316.691	316.841	316.921	25
26	317.100	316.866	316.779	316.577	316.498	316.771	316.727	316.514	316.663	316.678	316.849	316.921	26
27	317.098	316.847	316.751	316.583	316.499	316.776	316.718	316.504	316.696	316.698	316.869	316.921	27
28	317.099	316.857	316.749	316.576	316.507	316.798	316.708	316.502	316.673	316.691	316.866	316.919	28
29	317.107		316.750	316.567	316.530	316.783	316.679	316.487	316.650	316.694	316.860	316.922	29
30	317.143		316.761	316.552	316.516	316.771	316.664	316.485	316.615	316.742	316.871	316.919	30
31	317.118		316.736		316.503		316.631	316.505		316.813		316.923	31
MEAN	317.100	317.090	316.807	316.577	316.503	316.655	316.825	316.560	316.615	316.714	316.832	316.915	MEAN
MAX	317.143	317.154	316.895	316.614	316.530	316.798	316.928	316.668	316.696	316.813	316.871	316.934	MAX
MIN	317.082	316.847	316.736	316.542	316.479	316.502	316.631	316.432	316.495	316.678	316.787	316.877	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 316.764
MAXIMUM DAILY, 317.154 ON FEB 7
MINIMUM DAILY, 316.432 ON AUG 22
MAXIMUM INSTANTANEOUS,
317.164 AT 10:00 CST ON FEB 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 15 N
LONG 94 31 25 W

REGULATED

WATER LEVELS ARE REFERRED TO LAKE OF THE WOODS DATUM
APPLY -0.177 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

WIXON CREEK BELOW ALTONA - STATION NO. 02HC046

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.089B	0.096B	0.189	0.199	0.093E	0.082E	0.072	0.060	0.095	0.089E	0.122E	0.130	1
2	0.089B	0.100B	0.169	0.171	0.088E	0.078E	0.068	0.058	0.143	0.105E	0.112E	0.153	2
3	0.088B	0.098B	0.150B	0.152	0.087E	0.096	0.069	0.063	0.117	0.097E	0.107E	0.140	3
4	0.088B	0.096B	0.130B	0.142	0.086E	0.100	0.070	0.614	0.793	0.094E	0.102E	0.127	4
5	0.088B	0.095B	0.122B	0.146	0.090E	0.088	0.084	0.370	0.266	0.090E	0.108E	0.122	5
6	0.087B	0.094B	0.118B	0.153	0.105E	0.081	0.076	0.098	0.148	0.320E	0.112E	0.113	6
7	0.087B	0.093B	0.137	0.137	0.087E	0.069	0.057	0.076	0.131	0.210E	0.121E	0.111	7
8	0.087B	0.092B	0.144	0.128	0.087E	0.066	0.066	0.074	0.124	0.155E	0.113E	0.11[illegible]	8
9	0.087B	0.092B	0.141	0.128	0.094E	0.067	0.065	0.070	0.107	0.115E	0.114E	0.1 4B	9
10	0.087B	0.094B	0.146	0.127	0.165E	0.085	0.061	0.068	0.097	0.105E	0.118E	0. 10B	10
11	0.087B	0.390B	0.150	0.127	0.360E	0.086	0.061	0.198	0.092	0.097E	0.100E	0.108B	11
12	0.088B	1.30 B	0.145	0.130	0.155E	0.074	0.062	0.169	0.088	0.092E	0.104E	0.105B	12
13	0.089B	0.760B	0.143	0.121	0.128E	0.078	0.053	0.092	0.078	0.094E	0.113	0.102B	13
14	0.090B	0.170B	0.135B	0.214	0.120E	0.081	0.055	0.078	0.076	0.090E	0.116	0.097B	14
15	0.091B	0.125B	0.130	0.193	0.122E	0.079	0.059	0.396	0.077	0.097E	0.115	0.096B	15
16	0.092B	0.120B	0.121B	0.132	0.115E	0.105	0.056	0.178	0.075	0.102E	0.203	0.095B	16
17	0.092B	0.162B	0.115B	0.163	0.100E	0.149	0.054	0.089	0.083	0.093E	0.217	0.094B	17
18	0.092B	0.550E	0.110B	0.160	0.094E	0.089	0.053	0.077	0.092	0.305E	0.147	0.093B	18
19	0.092B	1.09 E	0.106B	0.125	0.087E	0.073	0.060	0.073	0.087	0.162E	0.136	0.093B	19
20	0.092B	2.49 E	0.100B	0.116	0.083E	0.077	0.072	0.075	0.083	0.125E	0.287	0.093B	20
21	0.092B	1.73 E	0.100	0.100E	0.079E	0.085	0.065	0.070	0.091	0.110E	0.287	0.092B	21
22	0.092B	0.825E	0.107	0.100E	0.074E	0.223	0.064	0.076	0.110	0.115E	0.166	0.092B	22
23	0.092B	0.960E	0.123	0.125E	0.069E	0.141	0.065	0.070	0.092	0.220E	0.143	0.109B	23
24	0.092B	0.535E	0.126	0.140E	0.066E	0.097	0.065	0.068	0.085	0.190E	0.130	0.111B	24
25	0.092B	0.323E	0.131	0.120E	0.092E	0.088	0.068	0.068	0.075	0.150E	0.123	0.105B	25
26	0.100B	0.235	0.134	0.105E	0.140E	0.080	0.068	0.065	0.094	0.170E	0.141	0.104B	26
27	0.098B	0.196	0.137	0.094E	0.220E	0.075	0.069	0.071	0.099	0.215E	0.276	0.103B	27
28	0.096B	0.206	0.140	0.096E	0.180E	0.074	0.148	0.087	0.084	0.325E	0.168	0.102B	28
29	0.092B		0.143	0.102E	0.150E	0.071	0.134	0.088	0.078	0.201E	0.139	0.101B	29
30	0.090B		0.174	0.100E	0.103E	0.074	0.081	0.092	0.080E	0.150E	0.128	0.100B	30
31	0.090B		0.362		0.090E		0.081	0.104		0.132E		0.100B	31
TOTAL	2.808	13.117	4.378	4.046	3.609	2.711	2.191	3.835	3.740	4.615	4.368	3.329	TOTAL
MEAN	0.091	0.468	0.141	0.135	0.116	0.090	0.071	0.124	0.125	0.149	0.146	0.107	MEAN
MAX	0.100	2.49	0.362	0.214	0.360	0.223	0.148	0.614	0.793	0.325	0.287	0.153	MAX
MIN	0.087	0.092	0.100	0.094	0.066	0.066	0.053	0.058	0.075	0.089	0.100	0.092	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.145
MAXIMUM DAILY, 2.49E ON FEB 20
MINIMUM DAILY, 0.053 ON JUL 13
MAXIMUM INSTANTANEOUS,
4.20E AT 16:50 EST ON FEB 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 57 36 N
LONG 79 10 57 W
DRAINAGE AREA, 10.6 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	243	JUL	189
FEB	1 130	AUG	331
MAR	378	SEP	323
APR	350	OCT	399
MAY	312	NOV	377
JUN	234	DEC	288

TOTAL DISCHARGE, 4 550 dam³

WOLF RIVER AT HIGHWAY NO. 17 - STATION NO. 02AC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.03B	1.59B	2.10B	4.36	20.2	9.71	15.5	2.38	1.40	0.678	2.23	1.24 B	1
2	2.02B	1.58B	2.04B	5.26	19.6	10.1	14.3	2.29	1.02	0.756	2.38	1.22 B	2
3	2.01B	1.56B	2.00B	7.05	19.6	11.1	12.8	2.17	0.936	0.761	2.43	1.18 B	3
4	2.00B	1.54B	1.96B	8.97	20.2	11.8	12.0	2.04	0.941	0.794	2.47	1.16 B	4
5	2.00B	1.53B	1.91B	8.18	20.6	12.1	11.0	1.93	0.848	0.921	2.51	1.14 B	5
6	1.99B	1.51B	1.88B	8.26	20.2	11.7	9.99	1.82	0.780	1.14	2.47	1.12 B	6
7	1.98B	1.49B	1.83B	8.91	19.4	11.0	9.04	1.82	0.892	1.15	2.30	1.08 B	7
8	1.97B	1.48B	1.79B	10.1	18.5	11.2	8.42	1.91	0.948	1.22	2.37	1.06 B	8
9	1.92B	1.47B	1.76B	12.2	18.1	11.6	7.98	2.15	0.855	1.31	2.11	1.04 B	9
10	1.90B	1.45B	1.72B	16.5	16.9	12.6	7.27	2.24	0.795	1.45	2.07	1.02 B	10
11	1.88B	1.43B	1.68B	21.0	16.4	13.4	6.78	2.20	0.816	1.58	2.01	1.00 B	11
12	1.85B	1.42B	1.65B	24.4	15.9	13.0	6.40	2.17	0.837	1.58	1.93	0.980B	12
13	1.83B	1.39B	1.63B	25.1	15.5	12.4	6.10	2.00	0.770	1.59	1.85	0.965B	13
14	1.80B	1.38B	1.57B	25.2	14.7	12.5	5.60	1.88	0.713	1.79	1.81	0.945B	14
15	1.79B	1.38B	1.55B	24.8	14.3	14.6	5.10	1.86	0.649	1.83	1.84	0.930B	15
16	1.80B	1.41B	1.52B	23.8	13.4	17.2	4.63	1.72	0.670	1.87	1.87	0.910B	16
17	1.80B	1.50B	1.49B	24.3	12.5	17.7	4.31	1.60	0.685	2.02	1.96	0.895B	17
18	1.81B	1.59B	1.45B	28.3	11.6	17.0	4.08	1.45	0.667	2.47	1.96	0.880B	18
19	1.80B	1.69B	1.43B	29.1	11.0	14.9	3.91	1.39	0.628	2.54	1.95	0.870B	19
20	1.79B	1.83B	1.39B	26.8	10.5	13.7	3.96	1.31	0.617	2.81	1.86	0.855B	20
21	1.78B	1.95B	1.37B	23.5	9.85	12.7	3.93	1.24	0.590	2.85	1.79	0.840B	21
22	1.77B	2.08B	1.35B	21.6	9.17	12.1	3.74	1.17	0.569	2.83	1.69	0.830B	22
23	1.75B	2.21B	1.33B	20.7	8.87	11.3	3.42	1.13	0.537	2.85	1.58B	0.813B	23
24	1.72B	2.29B	1.32B	19.9	8.95	11.9	3.27	1.12	0.524	2.72	1.53B	0.800B	24
25	1.71B	2.31B	1.33B	19.2	9.69	14.5	3.30	1.03	0.515	2.74	1.47B	0.790B	25
26	1.69B	2.28B	1.43B	18.7	10.7	17.4	3.09	0.932	0.599	2.57	1.43B	0.773B	26
27	1.68B	2.25B	1.69	19.1	11.3	18.0	2.91	0.893	0.631	2.45	1.37B	0.760B	27
28	1.67B	2.21B	2.05	19.6	11.3	16.8	2.71	0.793	0.590	2.31	1.34B	0.740B	28
29	1.65B		2.34	20.1	11.0	16.3	2.62	0.770	0.530	2.20	1.32B	0.710B	29
30	1.63B		2.69	20.3	10.5	16.0	2.48	0.779	0.519	2.11	1.27B	0.640B	30
31	1.61B		3.01		10.0		2.38	0.767		2.19		0.475	31
TOTAL	56.63	47.80	54.26	545.29	440.43	406.31	193.02	48.954	22.071	58.080	57.17	28.661	TOTAL
MEAN	1.83	1.71	1.75	18.2	14.2	13.5	6.23	1.58	0.736	1.87	1.91	0.925	MEAN
MAX	2.03	2.31	3.01	29.1	20.6	18.0	15.5	2.38	1.40	2.85	2.51	1.24	MAX
MIN	1.61	1.38	1.32	4.36	8.87	9.71	2.38	0.767	0.515	0.678	1.27	0.475	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.37
MAXIMUM DAILY, 29.1 ON APR 19
MINIMUM DAILY, 0.475 ON DEC 31
MAXIMUM INSTANTANEOUS,
29.9 AT 05:58 EST ON APR 19

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 49 19 N
LONG 88 32 07 W
DRAINAGE AREA, 736 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 890	JUL	16 700
FEB	4 130	AUG	4 230
MAR	4 690	SEP	1 910
APR	47 100	OCT	5 020
MAY	38 100	NOV	4 940
JUN	35 100	DEC	2 480

TOTAL DISCHARGE, 169 000 dam³

WYE CREEK NEAR THORNDALE - STATION NO. 02GD013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.045B	0.080B	1.70	0.652	0.666	0.061	0.036	0.005	0.049	1.17 A	0.374	0.453	1
2	0.043B	0.100B	1.17	0.459	0.484	0.056	0.028	0.003	0.195	1.31	0.323	1.44	2
3	0.042B	0.120B	0.800B	0.385	0.386	0.060	0.024	0.007	0.438	0.741	0.263	0.908	3
4	0.041B	0.120B	0.620B	0.340	0.317	0.064	0.026	0.010	1.87 E	0.457	0.227	0.639	4
5	0.040B	0.110B	0.555	0.259	0.269	0.065	0.039	0.009	1.79 E	0.338	0.205	0.486	5
6	0.040B	0.095B	0.453	0.190	0.212	0.052	0.043	0.003	0.958	1.94	0.373	0.410	6
7	0.040B	0.080B	0.380	0.156	0.162	0.041	0.028	0.003	0.549	1.95	0.462	0.414	7
8	0.040B	0.075B	0.334	0.149	0.137	0.042	0.016	0.011	0.366	1.20	0.350	0.385	8
9	0.040B	0.075B	0.368	0.143	0.122	0.048	0.012	0.006	0.262	0.760	0.266	0.340B	9
10	0.040B	0.080B	0.423	0.094	0.140	0.038	0.008	0.004	0.187	0.532	0.221	0.250B	10
11	0.039B	0.200B	0.423	0.128	0.297	0.032	0.005	0.014	0.118	0.375	0.207	0.210B	11
12	0.039B	0.700B	0.425	0.114	0.371	0.027	0.005	0.005	0.081	0.283	0.171	0.169	12
13	0.038B	1.55 B	0.525	0.102	0.292	0.028	0.004	0.003	0.060	0.174	0.149	0.130	13
14	0.038B	1.50 B	0.400B	0.962	0.248	0.049	0.002	0.008	0.055	0.136	0.130	0.123	14
15	0.038B	1.40 B	0.300B	0.705	0.249	0.047	0.001	0.018	0.073	0.109	0.129	0.124	15
16	0.038B	1.35 B	0.230B	0.496	0.226	0.037	0	0.009	0.086	0.083	0.129	0.110B	16
17	0.038B	4.00 B	0.200B	0.703	0.168	0.026	0	0.003	0.086	0.060	0.129	0.100B	17
18	0.038B	7.20 B	0.170B	0.774	0.136	0.019	0.017	0.002	0.089	0.356	0.122	0.097B	18
19	0.038B	7.60 B	0.158B	0.562	0.123	0.020	0.028	0.001	0.108	1.00	0.114	0.093B	19
20	0.037B	7.00 B	0.150B	0.441	0.102	0.021	0.042	0	0.120	0.879	0.924	0.091B	20
21	0.037B	6.12	0.143B	0.336	0.081	1.36	0.018	0	0.125	0.687	1.35	0.090B	21
22	0.037B	5.35	0.160B	0.298	0.072	1.17	0.006	0	0.607	2.11	0.886	0.100B	22
23	0.038B	11.4	0.217	0.860	0.059	0.668	0.003	0	0.845E	3.09	0.601	0.275B	23
24	0.039B	5.25	0.216	1.25	0.057	0.383	0.001	0	0.568	1.37	0.441	0.250B	24
25	0.040B	2.94	0.229	0.848	0.056	0.254	0.001	0	0.366	0.927	0.311	0.205B	25
26	0.060B	1.94	0.276	0.593	0.062	0.157	0.001	0	0.297	0.738	0.313	0.165B	26
27	0.080B	1.49	0.455	0.476	0.088	0.095	0.002	0	0.253	0.934	0.776	0.140B	27
28	0.085B	2.11	0.422	1.42	0.101	0.065	0.123	0	0.182	1.23	0.635	0.120B	28
29	0.070B		0.417	2.06	0.092	0.052	0.104	0	0.133	0.805	0.467	0.108B	29
30	0.060B		0.707	1.04	0.077	0.040	0.027	0.001	0.105A	0.604	0.381	0.100B	30
31	0.065B		0.902		0.073		0.009	0.036		0.460		0.100B	31
TOTAL	1.403	70.035	13.928	16.995	5.925	5.077	0.659	0.161	11.021	26.764	11.429	8.625	TOTAL
MEAN	0.045	2.50	0.449	0.567	0.191	0.169	0.021	0.005	0.367	0.863	0.381	0.278	MEAN
MAX	0.085	11.4	1.70	2.06	0.666	1.36	0.123	0.036	1.87	3.09	1.35	1.44	MAX
MIN	0.037	0.075	0.143	0.094	0.056	0.019	0	0	0.049	0.060	0.114	0.090	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.471
MAXIMUM DAILY, 11.4 ON FEB 23
MINIMUM DAILY, 0 ON JUL 16
MAXIMUM INSTANTANEOUS,
18.4 AT 03:20 EST ON FEB 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 05 30 N
LONG 81 09 03 W
DRAINAGE AREA, 38.9 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	121	JUL	56.9
FEB	6 050	AUG	13.9
MAR	1 200	SEP	952
APR	1 470	OCT	2 310
MAY	512	NOV	987
JUN	439	DEC	745

TOTAL DISCHARGE, 14 900 dam³

WYE RIVER AT WYEBRIDGE - STATION NO. 02ED011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.50B	1.28B	3.54	3.55	1.22	0.959	0.890	0.777	1.87	1.05	1.39	2.37	1
2	1.48B	1.25B	2.76	2.77	1.12	0.799	0.890	0.723	2.73	1.39	1.48	2.63	2
3	1.45B	1.22B	2.10	2.26	1.07	1.83	1.00	0.761	2.34	1.40	1.57	2.66	3
4	1.43B	1.20B	1.95	2.14	1.05	3.29	0.807	0.823	4.27	1.20	1.51	2.37	4
5	1.41B	1.19B	1.83	1.96	1.04	1.80	0.796	1.07	6.12	1.11	1.44	2.18	5
6	1.40B	1.18B	1.74	1.78	1.15	1.42	0.806	0.940	4.45	2.72	1.56	1.91	6
7	1.39B	1.15B	1.62	1.57	1.12	1.18	0.748	0.870	3.79	7.31	1.77	1.79	7
8	1.37B	1.14B	1.67	1.45	0.996	1.07	0.712	1.03	3.43	6.18	1.63	1.79	8
9	1.35B	1.12B	1.82	1.52	0.956	1.25	0.662	1.08	2.69	3.39	1.50	1.50B	9
10	1.34B	1.11B	1.86	1.76	1.38	1.23	0.610	1.06	2.12	2.37	1.38	1.20B	10
11	1.32B	1.10B	1.82	2.25	10.7	1.20	0.597	1.17	1.87	2.05	1.36	1.72B	11
12	1.31B	2.01B	1.77	2.40	11.6	1.07	0.609	1.16	1.63	1.68	1.42	1.56B	12
13	1.30B	3.09B	1.70	1.79	6.40	1.01	0.647	1.04	1.43	1.55	1.34	1.48	13
14	1.29B	2.80B	1.47	2.04	3.87	0.969	0.696	1.15	1.32	1.45	1.29	1.45	14
15	1.28B	2.45B	1.52	3.04	3.11	1.00	0.720	7.69	1.23	1.46	1.27	1.43	15
16	1.27B	2.20B	1.51	1.65	3.20	1.10	0.714	5.97	1.13	1.58	1.53	1.44	16
17	1.26B	2.00B	1.31	1.60	2.47	1.07	0.693	2.72	1.12	1.49	3.01	1.40B	17
18	1.25B	3.58B	1.20B	2.06	2.02	0.960	0.771	1.88	1.15	1.84	2.74	1.38B	18
19	1.24B	8.79	1.12B	2.03	1.79	0.864	0.856	1.54	1.09	2.44	3.00	1.30B	19
20	1.24B	13.7	1.09B	1.73	1.56	0.809	0.865	1.36	1.07	2.69	3.19	1.24B	20
21	1.23B	17.7	1.08	1.52	1.41	0.764	0.880	1.22	1.12	2.13	4.48	1.22B	21
22	1.23B	20.6	1.11	1.36	1.34	1.48	0.854	1.11	1.11	1.86	3.77	1.24	22
23	1.22B	32.3	1.25	1.29	1.22	2.83	0.810	1.06	1.04	2.47	2.81	1.28	23
24	1.22B	24.3	1.51	1.52	1.15	1.73	0.778	1.15	0.971	3.67	2.32	1.32	24
25	1.21B	14.8	1.66	1.50	1.13	1.28	0.745	1.17	1.07	2.90	1.93	1.28	25
26	1.21B	9.29	1.72	1.34	1.12	1.13	0.709	1.07	0.994	2.30	1.82	1.25	26
27	1.28B	6.45	2.04	1.23	0.927	0.953	0.697	1.04	1.20	2.05	7.45	1.26	27
28	1.50B	3.83	1.97	1.15	0.978	0.882	0.792	1.02	1.26	1.92	6.71	1.27	28
29	1.43B		2.13	1.36	1.08	0.844	0.931	1.55	1.15	1.74	4.05	1.26	29
30	1.38B		3.89	1.42	1.17	0.937	0.946	3.39	1.05	1.58	2.85	1.22	30
31	1.32B		4.61		1.18		0.861	2.28		1.50		1.18	31
TOTAL	41.11	180.83	58.37	54.04	70.527	37.710	24.092	50.874	57.815	70.47	73.57	48.58	TOTAL
MEAN	1.33	6.46	1.88	1.80	2.28	1.26	0.777	1.64	1.93	2.27	2.45	1.57	MEAN
MAX	1.50	32.3	4.61	3.55	11.6	3.29	1.00	7.69	6.12	7.31	7.45	2.66	MAX
MIN	1.21	1.10	1.08	1.15	0.927	0.764	0.597	0.723	0.971	1.05	1.27	1.18	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.10
MAXIMUM DAILY, 32.3 ON FEB 23
MINIMUM DAILY, 0.597 ON JUL 11
MAXIMUM INSTANTANEOUS,
33.2 AT 16:14 EST ON FEB 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 41 38 N
LONG 79 52 58 W
DRAINAGE AREA, 168 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 550	JUL	2 080
FEB	15 600	AUG	4 400
MAR	5 040	SEP	5 000
APR	4 670	OCT	6 090
MAY	6 090	NOV	6 360
JUN	3 260	DEC	4 200

TOTAL DISCHARGE, 66 300 dam³

YORK RIVER NEAR BANCROFT - STATION NO. 02KD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.50B	4.48B	76.1	42.6	11.4	10.1	8.75	5.31	4.24	6.83	9.27	8.34	1
2	7.70B	4.41B	73.3	56.0	11.7	9.49	7.94	5.30	4.20	6.74	9.37	8.46	2
3	7.10B	4.39B	71.4	62.5	12.0	9.07	6.89	4.89	3.65	6.91	9.19	8.61	3
4	6.10B	4.37B	63.8	66.0	11.8	8.93	6.19	4.72	4.27	6.83	8.86	8.68	4
5	6.00B	4.34B	57.4	69.0	11.6	10.1	5.78	4.26	5.81	6.76	8.56	8.60	5
6	5.82B	4.31B	51.8	67.4	11.9	10.5	6.18	4.34	5.19	6.83	8.72	8.57	6
7	5.73B	4.29B	47.9	64.8	11.2	11.0	6.18	4.25	5.24	8.02	9.22	8.47	7
8	5.60B	4.27B	43.4	60.5	10.8	10.2	6.14	3.86	5.41	9.15	8.85	8.50	8
9	5.63B	4.25B	39.0	57.0	10.2	10.3	6.07	3.47	5.43	8.89	8.57	8.59	9
10	5.40B	4.70B	36.7	51.9	10.0	10.1	5.97	4.78	5.73	8.59	8.26	8.59	10
11	5.57B	5.35B	30.1	40.9	11.6	9.71	5.65	4.65	6.69	8.53	8.18	8.54	11
12	5.60B	6.30B	28.0	37.6	20.4	9.17	5.84	4.52	6.55	8.54	8.15	8.42	12
13	5.49B	6.48B	24.3	32.1	28.8	8.74	5.48	4.16	6.56	8.45	8.00	8.30	13
14	5.40B	6.72B	20.8	26.7	35.4	8.38	5.19	4.18	5.75	8.30	7.85	8.22	14
15	5.30B	7.00B	19.8	27.4	37.1	8.39	5.62	4.63	7.02	8.37	7.74	8.20	15
16	5.31B	7.20B	19.5	25.7	35.6	8.89	5.67	4.79	5.57	8.27	7.62	8.17	16
17	5.25B	7.90B	18.9	22.7	35.5	9.13	5.49	4.64	5.60	7.98	7.66	8.10	17
18	5.20B	8.65B	18.4	22.0	33.2	8.61	5.33	3.91	5.55	8.11	7.73	7.96B	18
19	5.06B	9.97	16.1	21.6	30.3	8.12	5.36	3.93	5.48	9.14	7.77	7.91B	19
20	5.02B	17.6	15.5	21.4	27.8	7.73	5.17	3.95	5.44	8.99	7.60	8.30B	20
21	4.98B	23.3	15.0	16.5	22.9	6.90	5.40	3.53	5.38	9.08	8.05	8.22B	21
22	4.95B	28.3	14.7	13.2	14.4	6.89	5.39	3.83	5.32	9.66	8.37	7.52	22
23	4.90B	47.1	14.5	12.7	9.24	8.97	5.38	3.62	5.28	9.69	8.13	7.47	23
24	4.86B	77.9	14.3	13.3	9.03	9.52	5.42	3.10	5.28	9.72	7.86	7.40	24
25	4.90B	82.8	12.5	14.0	9.13	9.20	5.40	2.64	4.86	9.46	7.71	7.36	25
26	4.93B	78.0	10.6	14.1	9.39	10.4	5.40	3.07	4.74	9.46	7.58	7.33	26
27	4.77B	77.7	11.8	13.2	9.68	11.8	4.15	3.43	4.69	9.72	7.96	7.30	27
28	4.65B	78.3	12.2	10.4	9.81	11.6	5.47	3.51	5.44	10.2	8.49	7.28	28
29	4.56B		12.5	10.6	9.96	10.9	5.64	4.05	6.34	10.0	8.54	7.29	29
30	4.53B		16.6	11.4	10.5	10.9	5.48	3.64	6.96	9.71	8.41	7.25	30
31	4.51B		25.9		10.7		5.42	3.13		9.41		7.19	31
TOTAL	167.32	620.38	932.8	1 005.2	533.04	283.74	179.44	126.05	162.87	266.34	248.27	249.14	TOTAL
MEAN	5.40	22.2	30.1	33.5	17.2	9.46	5.79	4.07	5.43	8.59	8.28	8.04	MEAN
MAX	8.50	82.8	76.1	69.0	37.1	11.8	8.75	5.31	7.02	10.2	9.37	8.68	MAX
MIN	4.10	4.25	10.6	10.4	9.03	6.89	4.15	2.64	3.65	6.74	7.58	7.19	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.1
MAXIMUM DAILY, 82.8 ON FEB 25
MINIMUM DAILY, 2.64 ON AUG 25
MAXIMUM INSTANTANEOUS,
86.2 AT 20:57 EST ON FEB 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 03 08 N
LONG 77 50 42 W
DRAINAGE AREA, 837 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	14 500	JUL	15 500
FEB	53 600	AUG	10 900
MAR	80 600	SEP	14 100
APR	86 800	OCT	23 000
MAY	46 100	NOV	21 500
JUN	24 500	DEC	21 500

TOTAL DISCHARGE, 413 000 dam³

NAME	STATION NO.	PAGE
ABITIBI RIVER AT ABITIBI CANYON	04ME002	1
ABITIBI RIVER AT IROQUOIS FALLS	04MC001	1
ABITIBI RIVER AT OWAKAMANA	04ME003	2
ABITIBI RIVER AT OTTER RAPIDS	04ME004	2
ABITIBI RIVER AT TWIN FALLS	04MC002	3
ALBANY RIVER ABOVE MOTTIK ISLAND	04GD001	3
ALBANY RIVER AT OUTLET OF LAKE ST. JOSEPH	04GA001	4
ALBANY RIVER BELOW ACHAPI LAKE	04GC002	4
ALBANY RIVER NEAR HAT ISLAND	04MA001	5
ALDER CREEK NEAR NEW DUNDEE	02GA030	5
AMABLE DU FOND RIVER AT SAMUEL DE CHAMPLAIN PROVINCIAL PARK	02JE019	6
ASHEWEIG RIVER AT STRAIGHT LAKE	04DB001	6
ATIKOKAN RIVER AT ATIKOKAN	05PB018	7
ATTAWAPISKAT RIVER BELOW ATTAWAPISKAT LAKE	04FB001	7
ATTAWAPISKAT RIVER BELOW MUKETEI RIVER	04FC001	8
AUBINADONG RIVER ABOVE SESABIC CREEK	02CB003	8
AUSABLE RIVER NEAR SPRINGBANK	02FF002	9
AUX SABLES RIVER AT MASSEY	02CE002	9
AVON RIVER BELOW STRATFORD	02GD018	10
BALL LAKE AT BALL LAKE LODGE	05QE013	10
BASSWOOD RIVER NEAR WINTON	05PA012	11
BATCHAWANA RIVER NEAR BATCHAWANA	02BF001	11
BAYFIELD RIVER NEAR VARNA	02FF007	12
BEAR BROOK NEAR BOURGET	02LB008	12
BEAR CREEK ABOVE WILKESPORT	02GG004	13
BEAR CREEK BELOW BRIGDEN	02GG009	13
BEAR CREEK NEAR PETROLIA	02GG006	14
BEAVER CREEK NEAR MARMORA	02HK006	14
BEAVER RIVER NEAR CLARKSBURG	02FB009	15
BEAVERTON RIVER NEAR BEAVERTON	02EC011	15
BEETON CREEK NEAR TOTTENHAM	02ED100	16
BERENS RIVER ABOVE BERENS LAKE	05RC001	16
BERRY CREEK AT THE OUTLET OF BERRY LAKE	05PD026	17
BIG CARP RIVER NEAR SAULT STE. MARIE	02BF004	17
BIG CREEK NEAR DELHI	02GC006	18
BIG CREEK NEAR WALSINGHAM	02GC007	18
BIG OTTER CREEK ABOVE OTTERVILLE	02GC017	19
BIG OTTER CREEK AT TILLSONBURG	02GC010	19
BIG OTTER CREEK NEAR CALTON	02GC026	20
BIG TROUT LAKE AT TROUT LAKE	04CE001	20
BIG TURKEY LAKE (OUTFLOW A) ABOVE BATCHAWANA RIVER	02BF005	21
BIG TURKEY LAKE (OUTFLOW B) NEAR BATCHAWANA MOUNTAIN	02BF006	21
BIG TURKEY LAKE (STATION E) NEAR BATCHEWANA MOUNTAIN	02BF009	22
BIGHEAD RIVER NEAR MEAFORD	02FB010	22
BLACK CREEK NEAR WESTON	02HC027	23
BLACK RIVER AT SUTTON	02EC012	23
BLACK RIVER NEAR ACTINOLITE	02HL003	24
BLACK RIVER NEAR MARATHON	02BB002	24
BLACK RIVER NEAR WASHAGO	02EC002	25
BLACK STURGEON RIVER AT HIGHWAY NO. 17	02AC002	25
BLACKWATER RIVER AT BEARDMORE	02AD010	26
BLANCHE RIVER ABOVE ENGLEHART	02JC008	26
BLOOMFIELD CREEK AT BLOOMFIELD	02HE001	27
BLUE SPRINGS CREEK NEAR EDEN MILLS	02GA031	27
BOB CREEK NEAR MINDEN	02HF004	28
BONNECHERE RIVER NEAR CASTLEFORD	02KC009	28
BOWMANVILLE CREEK AT BOWMANVILLE	02HD006	29
BOYNE RIVER AT EARL ROWE PARK	02ED102	29
BRIGHTSAND RIVER AT MOBERLEY	04GB005	30
BRONTE CREEK AT PROGRESTON	02HB016	30
BRONTE CREEK NEAR ZIMMERMAN	02HB011	31
BURNT RIVER NEAR BURNT RIVER	02HF003	31
CAMAGAGIGUE CREEK NEAR ELMIRA	02GA023	32
CAMAGAGIGUE CREEK NEAR FLORADALE	02GA036	32
CAMARD RIVER NEAR LUKERVILLE	02GH003	33
CARP RIVER NEAR KINBURN	02KF011	33
CARRICK CREEK NEAR CARLSRUHE	02FC011	34
CASTOR RIVER AT RUSSELL	02LB006	34
CAT RIVER BELOW WESLEYAN LAKE	04GA002	35
CATARAQUI RIVER AT CHAFFEYS LOCKS	02MA002	35
CATFISH CREEK NEAR SPARTA	02GC018	36
CEDAR CREEK AT WOODSTOCK	02GD011	36
CEDAR RIVER BELOW WABASKANG LAKE	05QE008	37
CHIPPEWA CREEK AT NORTH BAY	02DD014	37
CHUKUNI RIVER NEAR EAR FALLS	05QC001	38
CLAY LAKE NEAR QUIBELL	05QD020	38
CLYDE RIVER AT GORDON RAPIDS	02KF013	39
CLYDE RIVER NEAR LANARK	02KF010	39
COLD CREEK AT ORLAND	02HK007	40
COLD CREEK NEAR BOLTON	02HC023	40
COLDWATER RIVER AT COLDWATER	02ED007	41
COLLINS CREEK NEAR KINGSTON	02HM005	41
COMMANDA CREEK NEAR COMMANDA	02DD015	42
CONESTOGO RIVER ABOVE DRAYTON	02GA039	42
CONESTOGO RIVER AT GLEN ALLAN	02GA028	43
CONISTON CREEK ABOVE WANAPITEI RIVER	02DB007	43
CONSECON CREEK AT ALLISONVILLE	02HE002	44
CREDIT RIVER AT ERINDALE	02HB002	44
CREDIT RIVER NEAR CATARACT	02HB001	45
CREDIT RIVER NEAR ORANGEVILLE	02HB013	45
CREDIT RIVER WEST BRANCH AT NORVAL	02HB008	46
CROWE RIVER AT MARMORA	02HK003	46
CROWE RIVER NEAR GLEN ALDA	02HK005	47
CURRENT RIVER NEAR STEPSTONE	02AB015	47
DEDRICK CREEK NEAR PORT ROWAN	02GC013	48
DEPOT CREEK AT BELLROCK	02HM002	48
DETROIT RIVER AT AMHERSTBURG	02GH008	49
DETROIT RIVER AT LA SALLE	02GH007	49
DINGMAN CREEK BELOW LAMBETH	02GE005	50
DON RIVER AT TODMORDEN	02HC024	50
DON RIVER AT YORK MILLS	02HC005	51
DUCHESNAY RIVER NEAR NORTH BAY	02DD008	51
DUFFINS CREEK ABOVE PICKERING	02HC019	52
DUFFINS CREEK AT PICKERING	02HC006	52
EAGLE RIVER AT EAGLE RIVER	05QD003	53
EAST BRANCH SCOTCH RIVER NEAR ST. ISIDORE DE PRESCOTT	02LB012	53
EAST CAMAGAGIGUE CREEK NEAR FLORADALE	02GA035	54
EAST CASTOR RIVER NEAR RUSSELL	02LB021	54
EAST HUMBER RIVER AT KING CREEK	02HC032	55
EAST HUMBER RIVER NEAR PINE GROVE	02HC009	55
EAST OAKVILLE CREEK NEAR OMAGH	02HB004	56
EAST RIVER NEAR HUNTSVILLE	02EB013	56
EELS CREEK BELOW APSLEY	02HN001	57
EKWAN RIVER BELOW NORTH WASHAGAMI RIVER	04KA001	57
ENGLISH RIVER AT CARIBOU FALLS	05QE005	58
ENGLISH RIVER AT EAR FALLS	05QE006	58

NAME	STATION NO.	PAGE
ENGLISH RIVER AT MANITOU FALLS	05QE007	59
ENGLISH RIVER AT UMFREVILLE	05QA002	59
ENGLISH RIVER NEAR SIOUX LOOKOUT	05QA001	60
ERAMOSA RIVER ABOVE GUELPH	02GA029	60
ETOBICOKE CREEK AT BRAMPTON	02HC017	61
ETOBICOKE CREEK BELOW QUEEN ELISABETH HIGHWAY	02HC030	61
FAIRCHILD CREEK NEAR BRANTFORD	02GB007	62
FALL RIVER NEAR FALLBROOK	02KF014	62
FAREWELL CREEK AT OSHAWA	02HD014	63
FARR CREEK AT NORTH COBALT	02JE018	63
FAWN RIVER BELOW BIG TROUT LAKE	04CE002	64
FISH CREEK NEAR PROSPECT HILL	02GD010	64
FREDERICK HOUSE RIVER AT FREDERICK HOUSE LAKE DAM	04MD002	65
FREDERICK HOUSE RIVER AT NIGHTHAWK LAKE	04MD003	65
FRENCH LAKE NEAR ATIKOKAN	05PA010	66
FRENCH RIVER AT CHAUDIERE DAM	02DD017	66
FRENCH RIVER AT DRY PINE BAY	02DD010	67
FRENCH RIVER AT LAKE NIPISSING	02DD007	67
FRENCH RIVER AT PORTAGE DAM	02DD016	68
GANARASKA RIVER ABOVE DALE	02HD012	68
GANARASKA RIVER NEAR OSACA	02HD003	69
GANATSEKIAGON CREEK NEAR PICKERING	02HC114	69
GOULAIS RIVER NEAR SEARCHMONT	02BF002	70
GRAND RIVER AT BRANTFORD	02GB001	70
GRAND RIVER AT GALT	02GA003	71
GRAND RIVER AT WEST MONTROSE	02GA034	71
GRAND RIVER BELOW SHAND DAM	02GA016	72
GRAND RIVER NEAR MARSVILLE	02GA014	72
GRASSY NARROWS LAKE AT GRASSY NARROWS	05QE015	73
GRAVEL RIVER NEAR CAVERS	02AE001	73
GREENWATER CREEK AT OUTLET OF GREENWATER LAKE	02AB012	74
GRINDSTONE CREEK NEAR ALDERSHOT	02HB012	74
GROUNDHOG RIVER AT FAUQUIER	04LD001	75
GULL RIVER AT NORLAND	02HF002	75
HALFWAY CREEK AT MOOSONEE	04KA002	76
HARMONY CREEK AT OSHAWA	02HD013	76
HARRIS RIVER AT HIGHWAY NO. 69	02EA013	77
HIGHLAND CREEK NEAR WEST HILL	02HC013	77
HOLLAND RIVER AT HOLLAND LANDING	02EC009	78
HORNER CREEK NEAR PRINCETON	02GB006	78
HUMBER RIVER AT ELDER MILLS	02HC025	79
HUMBER RIVER AT WESTON	02HC003	79
HUMBER RIVER NEAR CEDAR MILLS	02HC012	80
HUMBER RIVER NEAR PALGRAVE	02HC047	80
INDIAN RIVER NEAR BLAKENEY	02KF012	81
INDIAN RIVER NEAR PEMBROKE	02KC014	81
JACKSONS CREEK AT PETERBOROUGH	02HJ001	82
JOCK RIVER NEAR RICHMOND	02LA007	82
JUNCTION CREEK AT SUDBURY	02CF005	83
JUNCTION CREEK BELOW KELLEY LAKE	02CF012	83
KABINAKAGAMI RIVER AT HIGHWAY NO. 11	04JA002	84
KAMINISTIKWIA RIVER AT KAKABEKA FALLS POWERHOUSE	02AB010	84
KAMINISTIKWIA RIVER AT KAMINISTIKWIA	02AB006	85
KAMINISTIKWIA RIVER AT OUTLET OF DOG LAKE	02AB004	85
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